

SILICON TIMES REPORT
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INTERNATIONAL ONLINE MAGAZINE
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STR Publishing Support BBS Network System

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> 06/24/94 STR 1026 "The Original * Independent * Online Magazine!"

- CPU INDUSTRY REPORT - CES Coverage - Timex DataWatch
- MS & Disney Goodies! - PowerPC PowerBook - WinCIM Ver 1.3
- McAfee VIRUS Alert! - WILDCAT BBS v 4.0!! - People Talking!

- * ALDUS ANNOUNCES PHOTOSHOP VER 3! *-
- * MARYLAND OFFERS FREE INTERNET! *-
- * MicroSoft & STAC Now Buddies!! *-
- * NVN LANGUISHING IN LIMBO! *-

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STReport International Online Magazine
The Original * Independent * Online Magazine
-* FEATURING WEEKLY *-

"Accurate UP-TO-DATE News and Information"
Current Events, Original Articles, Tips, Rumors, and Information
Hardware - Software - Corporate - R & D - Imports

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STReport's BBS - The Bounty BBS, invites all BBS systems, worldwide, to participate in the ITC/PROWL/USENET/NEST/F-Net/Fido Mail Networks. You may also call The Bounty BBS direct @ 1-904-786-4176. Enjoy the wonder

and excitement of exchanging all types of useful information relative to all computer types, worldwide, through the use of excellent International Networking Systems. SysOps and users alike worldwide, are welcome to join STReport's International Conferences. ITC Node is 85:881/250, The Fido Node is 1:374/147.3, Crossnet Code is #34813, and the "Lead Node" is #620. All computer platforms and BBS systems are invited to participate.

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USENET ~ USPOLNET ~ CLEVELAND FREE-NET ~ INTERNET ~ FNET ~ AOL

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> From the Editor's Desk

"Saying it like it is!"

The summer CES show in Chicago is roaring along right about now... All the fine new goodies, gadgets, stereos, TVs and of course, the game machines. CNN has already had many spots where the Nintendo, 3DO, SNES and few others were shown in great detail. From adapters to new high powered goodies just to play the new sophisticated game carts. Now, according to CBS, who was also showing highlights from the show one may purchase a complete sit-in driving console for under two hundred dollars. They showed the device and it had the steering wheel, pedals and a joystick. They made sure the viewer understood the realism is unbelievably close to the real thing. While being aware there are other game machines on the market, the major media coverage made them conspicuous, by their lack of being covered. It would be nice to see the Jaguar gain 'real time' national coverage on more than one network. According to our info it didn't happen on any of the networks ..yet. Hopefully, someone will experience a "wake-up call" and go find the network guys! The Jaguar needs to get some "equal time" national network coverage.

Next week, the PC Expo in New York City will be under way. The news of new products and support programs keeps rolling in. The major manufacturers are not allowing any "grass to grow under their feet". They have learned over the years that the consumer comes first. They're doing just about everything and anything to make that point abundantly clear.

Meanwhile, certain well known European enterprises are on the verge

of hitting the old, proverbial "dead end". It seems they've been waiting for the NT release. In doing so, they are reportedly hoping to gain a new marketing foothold and financial stability by releasing their new products in the PC marketplace. Now, with the news that both NT and Windows 4 may hit the streets in the latter part of this year, the wait may be too long and could possibly force dire results upon that particular marketplace in Europe. Time will tell.

Last week we mentioned we'd have the first part of a modems overview and review. That is on hold until next week as we are in the midst of compiling the technical information on the modems. The world of 28.8 is at your doorstep, if you find a good buy, don't hesitate the speed is well worth the investment.

Ralph...

STReport's Staff

DEDICATED TO SERVING YOU!

Publisher -Editor

Ralph F. Mariano

Lloyd E. Pulley, Editor, Current Affairs

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> CPU STATUS REPORT

LATE BREAKING INDUSTRY-WIDE NEWS

IBM/POWER-PC/PC SECTION (I)

Computer Products Update - CPU Report

Weekly Happenings in the Computer World

Issue #26

By: Lloyd E. Pulley, Sr.

***** General Computer News *****

** NVN in Limbo **

As of Friday, June 17, NVN closed its doors. Whether it will return is still subject to debate. Sources say that 50% of the staff has been laid off, the 50% that were involved in the actual running of NVN. The remaining 50%, reportedly approx. 17 people, are mainly software developers who are continuing to work on a graphical front-end for NVN. So NVN may come up again, but probably not anytime soon nor in its original text-based format.

** Maryland Offers Free Internet **

In July, Maryland will become the first state to offer its residents direct and free connections to the Internet. Reports say that any Maryland resident with a telephone, computer and modem will be able to connect free of charge for an unlimited amount of time to the state-run gopher site.

A project of the state's library system, the new, noncommercial service will be called "Sailor," in tribute to Maryland's navigation heritage. While no time constraints will be placed on users at the outset, Sailor's organizers realize the service could be so popular its 192 telephone lines could be overwhelmed and limits will have to be enforced.

Maryland's Sailor also will offer additional services for a fee, such as electronic mail for \$35 annually and access to Telnet and the Usenet newsgroups for \$100 a year.

** Microsoft Readies Disney Titles **

Microsoft Corp. says it will develop, market and distribute three original programs based on Disney characters. The titles will use animation licensed from Disney Software. The programs will be added to the Microsoft Home series.

The debut product will be Mickey's Carnival, Microsoft's first offering for children aged 4 and up. Expected this winter, Mickey's Carnival will feature some of Disney's most familiar characters, including Mickey Mouse, Minnie Mouse, Daisy Duck, Donald Duck, Goofy, Chip, Dale and Huey, Dewey and Louie. Featuring animations created by Disney artists, the product will let kids interact with Disney characters in a series of carnival ride activities, puzzles and games.

** Timex Wristwatch Downloads Data **

Reports say that Timex Corp. plans to launch a wristwatch that can download calendar information from a Microsoft Corp. program. The Data Link wristwatch would go on sale at computer stores in the fall for a suggested retail price of about \$130.

Scheduling information from the software is sent directly into the wristwatch through a barcode system when the watch is held up to a computer screen. According to Timex, the watch works exclusively with Microsoft's Schedule Plus software.

** IBM Unveils Color ThinkPad **

IBM has announced the ThinkPad 510Cs, adding a color display, faster processing, video acceleration and an array of software to its 4-pound subnotebook computer. Powered by IBM's 50MHz 486BL2 microprocessor, the ThinkPad 510Cs has a 200MB hard disk and is upgradeable to 20MB of RAM.

IBM also has introduced the ThinkPad Dock II, offering ThinkPad notebook users a Plug and Play-ready desktop docking solution.

The ThinkPad 510Cs is preloaded with PC-DOS 6.3, Windows 3.1, Lotus cc:Mail, Lotus Organizer and several other software products. Pricing for the ThinkPad 510Cs begins at \$2,399. The ThinkPad Dock II is available now for \$719.

** Solar-Powered Case to Make Debut **

Besicorp Group Inc. says it has reached a deal with Samsonite Corp.

to develop, manufacture and market solar-powered carrying cases.

The cases will be used to power laptop computers, cellular phones, portable video equipment and other products that ordinarily require conventional electricity or batteries.

Besicorp subsidiary Sun Wize Energy Systems Inc. will develop and manufacture the photovoltaic power units and Samsonite will install them in its cases.

** Microsoft, Stac Settle Dispute **

Microsoft Corp. and Stac Electronics Inc. say they have signed a broad cross license agreement to end their disk compression patent dispute.

The agreement calls for Microsoft to pay Stac license royalties of \$1 million per month for a period of 43 months. Microsoft will also purchase \$39.9 million of 4.0 percent non-voting convertible preferred stock that matures in the year 2004.

** Apple Readies PowerPC PowerBook **

Reports say Apple Computer Inc. is looking toward a modular Macintosh PowerBook based on PowerPC microprocessor technology. The system, codenamed M2, will feature a PowerPC processor integrated on the main logic board, a 10.4-inch color screen and a removable storage bay where the floppy drive used to be.

The M2 is expected to arrive next spring. Apple had hoped to release the unit this winter, but performance problems with the PowerPC 603 chip running 68040 emulation has forced the company to wait for the faster PowerPC 603+.

** New Windows Gets First Big Test **

Microsoft Corp. has announced that the forthcoming upgrade of the Windows operating system -- code-named "Chicago" -- has entered its first broad testing phase.

The software publisher notes that more than 20,000 customers, software developers and hardware manufacturers in more than 20 countries worldwide are expected to receive the beta product this week. Microsoft says the project's primary goal is to help ensure that the final product meets customer compatibility and stability requirements.

Chicago is the replacement for MS-DOS and Windows. Its improved user interface and support for Plug and Play are designed to make PCs easier for all levels of users. Chicago runs MS-DOS and Windows-based applications and device drivers, but does not require MS-DOS and is not constrained by the 640K memory limitations of MS-DOS.

Industry experts believe that Chicago will ship sometime late this year or in early 1995.

** Apple Launches Online Service **

Apple Computer Inc. has launched eWorld, its new online service. The venture includes eWorld for Macintosh and NewtonMail, a messaging service for the Newton personal digital assistant. Apple describes eWorld for Macintosh is an 'online town square' that provides a global electronic mail system along with news, information and other services from about 100 information providers. Apple intends to have a version for DOS/Windows-based personal computers ready in 1995.

** WordPerfect for Mac Upgraded **

WordPerfect Corp. this week announced it is developing an upgrade to WordPerfect 3.0 for Macintosh and will ship the new version this summer.

Reports say that WordPerfect 3.1 for Macintosh will include features and enhancements such as QuickCorrect, which automatically corrects mistyped or misspelled words as soon as the space bar is pressed, as well as enhanced merge data options, and a fat binary installation option for network administration.

The product will also include support for new Apple system technologies such as Quickdraw GX printing, Macintosh Drag and Drop, and Apple Guide.

Retail price is \$495 with upgrades available for \$89. In addition, users of competing word processors can upgrade for \$99.

** Apple Offers Education Line **

A new suite of products and software designed to make computer technology easier for educators to use in the classroom has been unveiled by Apple Computer Inc.

The new Apple Education Series includes software packages that provide integrated curriculums for business education, the Communications Bundle and the AppleSearch Bundle for the Internet. The existing Apple Education series includes hardware and software components as well as targeted training and support.

** Microsoft Hotline Targets Switchers **

Microsoft Corp. says it has established a dedicated telephone support line to help users who are switching or are considering switching from competitive spreadsheet, word processing and presentation graphics programs to applications in Microsoft Office, the software publisher's software suite.

Microsoft says it established the new Office Switcher support line as a result of the success of the WordPerfect Switcher line announced earlier this year. Microsoft notes that it created the WordPerfect line to assist the 1.2 million users who have switched from WordPerfect to Microsoft Word for Windows as well as those considering making the switch.

The line, and the new Office Switcher line, allows users moving from competing products to speak with support engineers specifically trained on the competitive products.

```
> WINCIM 1.3 Released! STR InfoFile
=====

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```
Good Stuff!!
```

```
WinCIM 1.3 UPGRADE
=====
```

This file contains all changes made in WinCIM from version 1.2 to the 1.3 version.

- * A "Show Graphic Menus" preference was added to the General Preferences dialog. This controls if WinCIM will request/display the new enhanced menus that will appear in some services shortly.
- * The disconnect logic was re-ordered to avoid a GPF error. This corrects a GPF error that beta testers encountered when marking and retrieving items.
- * Various internal changes were made to better support the enhanced menus/articles that will appear in some services soon.
- * A couple of references to ENS were changed to "News" (so the News desktop can be used for other services).
- * The buttons on articles have been placed back on at the bottom of article windows.
- * Added support for multiple palettes in graphic display dialogs.
- * The "trailer" information for filing cabinet objects is now updated as users advance through filing cabinet articles.
- * When articles are filed into the filing cabinet, WinCIM will now use the "title" in place of the "header" if no header exists.
- * Some changes were made to better handle the setting of fonts (internal changes only).
- * A problem was corrected in the way WinCIM handled some failures when sending CompuServe Mail messages.
- * WinCIM will no longer cache the relationship between a volatile menu and its children.
- * A fix was made to the way WinCIM handles text in the conference window. Users should now be able to see the complete text of what has been sent.

- * Additional functionality was implemented to enhance the support for the CompuServe CD product. These changes include:
 - Support for multiple recipients of messages
 - Better disconnect logic
- * Additional functionality was implemented to better handle the new style of menus that will start appearing shortly.
- * A debug switch was implemented (for WINCIM.INI) that causes WinCIM to display (in the caption bar of a menu) if an item is marked as volatile and/or session only. The switch is "Display-Flags" and the setting is either ON or OFF.
- * Move some strings from the WinCIM code into a string resource.

* NEW CONNECT DIALOG:

A new "Connect" dialog has been implemented. This new dialog allows users to easily connect to CompuServe. The dialog will appear when the program first starts and can be disabled by un-checking the "Show at Startup" option (located on the dialog). Choosing the option to connect causes WinCIM to access the What New Information. The dialog can be displayed (if it was closed) by selecting the "Connect..." choice on the File pull-down menu.

* SUPPORT FOR ENHANCED MENUS:

Support for enhanced styled menus has been implemented in WinCIM 1.3. These menus will be used in some CompuServe services that will be available soon.

* EXPANDED BROWSE SERVICES WINDOW:

The Browse Services window has been redesigned to contain more categories.

* ABILITY TO ENABLE CARRIER DETECT:

Carrier Detect (primarily used for modems) can now be enabled or disabled by clicking the "More" button on the Session Settings dialog. The default setting for this option is "ON". If WinCIM is being used with a modem that does not support Carrier Detect, this option can now be disabled.

* COMPUSERVE MAIL - SEND FILE DIALOG CHANGES:

The Send File dialog (under the Mail pull-down menu) now allows for longer file names.

*ARTICLE BUTTONS MOVED TO RIGHT SIDE OF WINDOW:

The buttons on certain article windows (ie. AP Online, What's New, etc...) have been moved to the right side of the window.

* ABOUT BOX CHANGES:

Changes have been made in the way we handle the About Box. They are:

1. A "splash" screen is now displayed when WinCIM is first started. box. After displaying for a few seconds, the dialog will disappear automatically.
2. The WinCIM About Box will only be displayed if the "About CIM" choice is selected from the Help pull-down menu.
3. The General Preferences dialog box has been changed. The "About Box" option has been removed from the "Initial Desktop" option. There is no way to prevent the splash screen from showing at startup.

* CHANGES TO IMPLEMENTATION OF INT14:

A change was made in the way WinCIM handles an Int14 connection. Previously, WinCIM would attempt to read a character and if the request failed, it was thought that no characters exist. WinCIM now checks to see if there is a character available before it attempts to read it.

* SETTING FONTS/PRINTER DIALOG:

The printer dialog is no longer displayed when users attempt to set their fonts.

* TYPO CORRECTION IN SESSION SETTINGS DIALOG:

There was a typo in the dialog that is displayed when a user attempts to use a duplicate session settings name. The word "Please" was being displayed as "lease".

* MODEM INITIALIZATION ISSUES:

Two items were resolved with how WinCIM initializes the modem:

1. A default modem initialization string was not being used in the Modem settings dialog. This dialog is accessed by clicking the "Modem" button on the Session Setting dialog).
2. The command "&D2" was included in the modem initialization string. This should address a number of the problems that some users had during the disconnect process.

* PROBLEM WITH STATUS LINE TEXT:

A problem was fixed that caused unreadable characters to appear on the status line. This happened when users would attempt to "visit" a forum.

* SCROLL BAR PROBLEMS:

WinCIM was not retrieving all of the information in certain menus if the user moved the scroll boxes to the bottom of the scroll bar.

* DOSCIM ADDRESS BOOK PROBLEMS:

A GPF error could occur under some conditions when WinCIM attempted to view an address book that was created with CompuServe Information Manager, DOS Version (DOSCIM).

* MODEM BREAK CHARACTER:

A problem with the use of the "break character" in the network scripts has been corrected.

* FIXED GPF WHEN FORWARDING CERTAIN MAIL MESSAGES:

A problem has been corrected that could cause a GPF error when mail message of certain sizes would be forwarded to other users.

* FIXED GPF WITH "HIGH" IMPORTANCE AND PERSONAL MAIL OPTIONS SET:

A problem was fixed that could cause a GPF error with certain text Mail messages when the options "High" importance and "Personal" sensitivity were set.

* FIXED A RETRIEVED MARKED MESSAGES PROBLEM:

A problem that caused an "incorrect response packet" error message to appear when retrieving marked messages (in forums) has been corrected. WinCIM now disables talk/group "invitations" when it is retrieving marked messages.

* SEND/RECEIVE ALL PROBLEM FIXED:

A problem was fixed that caused messages to not be sent from the Out-Basket if the "Do not retrieve" option was set for Mail messages that were marked as "Postage Due".

* FIX TO EDIT BOX HANDLING:

A problem was corrected with how certain edit boxes were being updated.

* WEATHER MAP (GO MAPS) PROBLEM FIXED:

WinCIM was not displaying all of the available maps when using the keyboard (down arrow).

* PROBLEM WITH MULTIPLE SOUND EVENTS:

The problem with sounds cutting off previously playing sounds has been

addressed. If there is a sound playing and another sound event is received, the second sound event is ignored - the second sound will not be played.

* PROBLEM WITH DAMAGED ADDRESS BOOKS:

A problem with reading certain "damaged" address books has been fixed.

* GRAPHICS VIEWING PROBLEM:

A problem was corrected with 2 color images when viewing them in 16 color mode.

* COMPUERVE-CD CHANGES:

The new CompuServe-CD can work together . Various changes were made so that the CD product can launch and communicate with WinCIM (to handle things like retrieving items "marked" from the CD).

* GRAPHICS VIEWING PIXEL BUFFERING:

There were changes made to better handle the buffering of pixels when viewing graphics that are stored on the user's machine. This should speed up the viewing of some images that have been previously downloaded (and are already stored on the hard disk).

> INTEGRITY MASTER! STR InfoFile

=====
Integrity Master(tm)
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Integrity Master(tm) provides complete, easy to use, data integrity for your PC plus virus protection. It can also be used to provide file change management and security on your PC. It scans for viruses like other anti-virus products but it also protects you against more than just viruses.

This high performance assembly language program is written by the author of PC Magazine's PCdata integrity toolkit. Integrity Master provides function and performance far beyond any other anti-viral or data integrity software, yet is easy enough for novice users.

Distinguishing features:

- 1) Integrity Master recognizes known viruses by name and will describe their characteristics and then allow you to (optionally) remove them.

- 2) It can detect not only existing viruses, but also as yet unknown viruses. Unlike other programs, which you must constantly update to keep ahead of the current crop of viruses, Integrity Master continues to protect you.
- 3) Unlike other programs, it detects sectors and files which were damaged by a virus not just those that were infected.
- 4) Integrity Master understands which files and areas on your disk are special and provides special specific diagnosis and recovery if these areas have changed.
- 5) Integrity Master can reload system sectors on disks which are so badly damaged that DOS can no longer recognize them.
- 6) Integrity Master detects any form of file or program corruption, not just that caused by viruses. This makes Integrity Master a useful tool to provide PC security, change management and hardware error detection. Why spend your time merely checking for viruses when you give your PC a complete check out with Integrity Master?
- 7) Integrity Master provides easy to use menus with context sensitive help plus a complete tutorial. Integrity Master is designed so you can start using it immediately -- no need to open the manual!
- 8) Integrity Master is useful as an aid to PC security. If someone changes, adds or deletes any of your files you will know.
- 9) Integrity Master is useful with disk diagnostics. You can run your normal test programs to check if your disk drive is working OK right now, but was it working correctly at 3 PM yesterday? Integrity Master will detect any disk errors which caused data damage earlier.
- 10) You just restored your files from a backup. Are all the files really OK? Integrity Master will tell you.
- 11) You just deleted *.BAT rather than *.BAK. Integrity Master will tell you exactly which files you need to restore.
- 12) Your hard disk is having problems. Now DOS will not even recognize it as a disk. IM can diagnose and then reload your partition and boot sectors to "fix" your disk!

What's new?

New since Version 2.21a:

- 1) When used with the /NE switch and checking boot sector viruses IM will require only one key-press whether a virus is found or not. (Needed by researchers to test boot sector viruses using SIMBOOT)
- 2) The full report of boot sector viruses will be displayed even when the "/1" command line option is used.
- 3) IM will consistently display a header before any checking even if only a boot sector or CMOS is checked.

- 4) Modification to accomodate some non-standard CMOS memories and improved explanations with CMOS changes.
- 5) False positives fixed: (V2P6 in CRACK.COM a game cheat program and mte in DECRYPT.EXE a program to use PGP in mailreaders).
- 6) IM has been verified to detect all SMEG polymorphic viruses including the new version of SMEG (Pathogen and Queeg).
- 7) IM identifies over 300 new viruses by name and characteristic including:

3NOP, AMS, Abbas, Actifed, Adams family, Alchemy, Avispa, Baclab, Baron, Blender, Blood Sugar, Breeder, Bunny, CvWar2, DieYoung, Dinamo, Dracula, E.Digital, Ein_Volk, Error, F-Soft, Flash, Francis, Gippo, Goblino, Hermanos, Infector, J&M, Jack the Ripper, Jan800, Jericho, Lamer's Surprise, Misis, Mojave, Mudshark, Mut-Int, Muu, Mystic3, Npox2, PIAF, Particle man, Pator2, PatoruzU, Pizzolla, Platina, Poisoning, Projekt, RedTeam, Steeve, Succubus, Talon, Teknitov, Uriel, Warsaw, and ZigZag.

Version 2.21a:

- 1) Since many people are unaware that IM can be used as a simple virus scanner, IM will now offer the choice of scanning or initializing when it encounters a directory that it hasn't seen before. This menu can be easily disabled.
- 2) IM will now offer several options if it encounters a corrupted file (unless you have already told it what to do using the "Integrity Update" submenu). This allows you to easily verify that corrupted files have been correctly fixed.
- 3) IM offers several new command line options:

/F - Forces full integrity checking. This is useful if integrity checking has been set to "Quick update" as default.

/NOB - No Beep. Turns sound off.

/Q - Forces "Quick Update" mode.

/REPA - Report All. This reports all files scanned during a virus scan or all files added during an initialize. This option is useful if you want to create a report showing all files and their check values or if you are testing a virus collection.

- 4) IM's change command line option (/P) now allows you to include a disk letter.
- 5) IM now includes batch files to illustrate its use to automatically scan diskettes and new uploads. SYSOP.DOC includes further information on this.
- 6) We now offer registered users 12 months of free downloads of the registered version.
- 7) We have eliminated false-positives with respect to Central Point/MicroSoft anti-virus related programs.

- 8) IM will now terminate if a virus is found in memory. (This can be bypassed with the /B option.)
- 9) IM includes a description (NET.DOC) of how to easily install and use IM on a LAN.
- 10) We fixed a problem which would cause repeated or lost lines on the report file and another bug which could cause IM to halt when checking some Syquest removable media boot sectors.
- 11) IM identifies over 350 new viruses by name and characteristic.

> WildCat! 4 STR Spotlight MUSTANG DOES IT AGAIN!!!

WildCat! 4
=====

Pricing and Availability

All of MSI's products are available through normal software outlets such as Software Etc. and CompUSA, however all upgrade purchases are only available through MSI direct. Here is a schedule of our products and pricing:

	NEW	UPGRADE
WildCat! Single Line	\$129.00	\$50.00
WildCat! MultiLine 10	\$249.00	\$50.00
WildCat! MultiLine 250	\$499.00	\$50.00
WildCat! MultiLine Platinum	\$799.00	\$50.00
Wildcat! BBS Suite (includes MultiLine Platinum, wcPRO, wcGATE, and wcCODE)	\$999.00	----
wcPRO Utilities (with wcFAX)	\$99.00	\$50.00
wcGATE Internet/MHS Messaging Gateway	\$149.00	\$50.00 *
wcCODE Custom OnLine Development Engine	\$149.00	\$50.00 **

* wcGATE is \$50 for anyone upgrading from wcUUCP or wcMHS only. It is \$149 for all new orders.

** wcCODE is \$50 for anyone upgrading from an older copy of WildCat! BBS. It is \$149 for all new orders.

"Tell 'em you read about Wildcat 4 in STReport!"

WildCat! 4 Technical Information

User Account Management

Maximum Number of User Accounts: 2 Billion
Maximum User-ID length: 25 Characters
Maximum Password Length: 14 Characters
Maximum Number of Security Profiles per User: 1 primary and 5 secondary

Each security profile can have its own:

menu display set, security display file, maximum Logon time, daily time limit, expiration maximum up/down file ratio, maximum up/down K ratio, download warning action, maximum daily download files, maximum daily download K, upload compensation, ability to overwrite files, chat options, distributed mail, custom overrides.

User Information Fields for:

name, company, address(2 lines), city, state, zip, voice, fax and data phone number, screen width, screen length, computer type, default editor, graphics support, date of birth, sex, language, comments (5 lines), alias, title, Novell name, file display style, active conference, help level, file transfer protocol, message read mode, first call date, expire date, memo date, date and time of last call, date and time of last new files check, total calls, total messages written, numbers of uploads, number of downloads, total KB uploaded, total KB downloaded, current daily downloads, current daily KB downloaded, time left, account balance, netmail balance, wcMAIL settings, conferences scanned, user override toggles, security profile, secondary security profiles, conference toggles.

Charge user accounts by:

- File download
- Netmail Message
- Subscription

Special Features:

- Sysop can determine which transfer protocols are available by security profile
- Sysop defined default user profile
- Wildcard user searches
- Questionnaires can modify any field in user record
- Duplicate user names allowed

Security and Menu Control

BBS types:

- Open
- Closed
- Closed Comment
- Closed Questionnaire

Maximum number of security profiles: 1,000
Maximum number of options per menu: 40
Maximum number of menus: 650

Menu Options can display a text file, select another menu, call built-in, global or wccODE functions:

Main Commands
-Bulletin Menu

Sysop Commands
-Event Management

- Door Menu
- Comment to Sysop
- Page Sysop
- Show Hello Screens
- Questionnaire Menu
- Find User
- Change User Settings
- Display Statistics
- List Users
- Display Newsletter
- Who is OnLine

- Message commands
- Read messages
- Search for messages
- Delete message
- Check for Mail
- Update scanned conferences
- Run wcMAIL

- File Commands
- Information on File
- List Available Files
- Download a File
- Upload a File
- New Files Since
- Search for Files
- File Transfer Info
- Personal File Stats
- View a ZIP File
- Read a Text File
- Edit Marked List

- User Editor
- Activity Log List
- Erase Activity Log
- Files Editor
- Status of Databases
- Node Management
- Sysop Download
- Sysop Upload

- Global commands
- Change Conference
- Run Questionnaire
- Expertise Level
- Display Help File
- Display Menu File
- Display DIP File
- Display Text File
- Display Bulletin
- Logoff
- Run wccode Program
- Go to Menu
- Door/Menu Hook
- Stack Commands
- Page User
- Run wcCHAT

Special Features:

- Define up to 1,000 sysop definable DOS hooks
- Fully customizable menu structures
- Ability to define any built-in or global option to any menu
- Unauthorized commands, file areas, and conferences are hidden
- Each menu can have its own RIP, ANSI, ASCII or dynamically generated display screen.
- Support for stacked menu commands
- WYSIWYG ANSI screen editor included

Messaging Capabilities (Electronic Mail and Forums)

Maximum Number of Message Conferences: 32,760
Maximum Message Length: 64 KB
Maximum Number of Messages per Conference: 65,520
Maximum Number of Sysop-defined Distribution Lists: 1,000
Maximum To/From User Field: 70 characters
Maximum Subject Field: 70 characters

Message conference types include:

- Normal messages, public and private
- Normal messages, public only
- Normal messages, private only
- Fido Netmail messages, private only

-Internet E-Mail, private only
-Usenet Newsgroup, public to ALL

Special Features:

- User name search when addressing messages
- Sysop Snoop mode message reading allows sysop to quickly read messages updating message pointers
- Integrated QWK mail interface (wcMAIL)
- Message forwarding, carbon copies, return receipts, file attachments, quoting
- Conferences can be defined as Read Only, Write Only, Join Only or any combination of the three
- Full screen editor for ANSI users with automatic word wrap and spell checker
- Subject threading
- Searches based on sender, receiver, subject, message text, message number, and conference.
- Upload text into message using any file transfer protocol
- Message attachments can be added download to queue
- Prompt to delete message attachments based on
- Originate new messages from Read mode
- Automatically maintain messages by date or total number using wcPACK

File Capabilities

Maximum Number of File Areas: 32,760

Maximum Number of Files per Area: 2 billion

Maximum Length of File Descriptions: 70 Characters standard, 15 lines by 72 characters extended.

Upload/Download Transfer Protocols:

Zmodem, Ymodem-G, Ymodem, Xmodem-1K/G, Xmodem-1K, Xmodem/CRC, Xmodem, Kermit, ASCII, plus up to 10 Sysop-defined external protocols

Special Features:

- .GIF file thumbnail previewer
- Multi-changer CD-ROM support
- User-specified default transfer protocols
- Duplicate file names
- File list marking
- File list format options for single, double or extended views
- Searches by keyword, text in description, date, uploader with AND/OR logic
- Password protected files with hide option
- Auto-logoff option after transfer
- Transfer prompting at logoff if files are still in download queue.
- Option for indexing extended descriptions
- Option for leaving message to file uploader
- Option for running virus scanner after upload
- File areas can be defined as list only, upload only, download only or any combination of the three
- Built-in support for FILE_ID.DIZ and DESC.SDI

General/User Interface Features

- Local sysop node in all versions (even Single Line)
- Built-in support for RIPscrip graphical user interface
- Auto-detect of RIP and ANSI at connection time
- User selectable language at login or stored in user record
- User selected graphics modes
- User selected message edit modes
- 3 modes of menu operation: novice, regular and expert
- 3 modes of message display: scroll, clear screen, and keep header
- Each conference can have its own bulletins, menus, questionnaires, display screens, help files, and attachment areas
- Bulletins can be downloaded from bulletin menu or added to the file download queue
- Customizable menus

Doors:

- Both single and multi-user door programs supported
- Supported via DOOR.SYS, USERREC.BIN, SYSINFO.DAT and FILEINFO.DAT

Chat Types:

- Moderated/Unmoderated
- Public/Private

Chat Features:

- Sysop definable channels
- Sysop defined action words
- Channel specific action words
- Profanity filter
- Ignore/Unignore mode
- Character by character private chat
- Paging with 4 line message editor
- Whisper mode

Questionnaire facility:

RIPscrip or text interface
Maximum Number of Questionnaires: unlimited
Maximum Number of Questions per Questionnaire: 100
Maximum Length of Each Question: 64 KB
Maximum Length of Each Answer: 65 characters
Questionnaire answers are stored in ASCII file

Sysop Features

All sysop maintenance functions are available from remote
User activity audit trails recorded in activity logs

Event Management:

Maximum number of events: 32,760 per node
Event types: hard, soft, flexible
Event scheduler hourly, daily, weekly, monthly, yearly

Configurable console scrollback

Console Security Types: none, passworded console access, no console access
Console View Types: 25 line, 43/50 line EGA/VGA, quiet (none)
Status Line Styles: none, single line, two line, or full user account information

Performance and Architecture

Maximum DTE rate: 115,200

Sysop definable connection rates

Connectivity: Modem, LAN, X.25, FOSSIL* (* MultiLine Platinum only)

LANS Supported: Novell Netware and any network that uses DOS SHARE

Maximum recommended simultaneous connections to Single 486-33 based PC using DESQview:

Single Line: 1 + 1 local sysop node

MultiLine 10 and 250: 4 + 1 local sysop node

MultiLine Platinum: 8 + 1 local sysop node

System Requirements:

Wildcat Single Line

Recommended Software:

DOS 3.3 or higher

Recommended Hardware:

IBM AT or true compatible, 512K RAM, high density floppy, 15 MB hard drive space, RS232 serial port with external modem and cable or internal modem, voice grade telephone line.

Typical Application:

Entry level BBS for the small business person, hobbyist or special interest group.

Wildcat MultiLine 10 and 250

Recommended Software:

DOS 3.3 or higher, DESQview 386, OS/2, for multiple lines on one PC. Network applications require Novell Netware or LAN software that uses DOS SHARE for file and record locking.

Recommended Hardware:

Multitasking on a single PC: 386-33mhz or higher with 1-2 MB RAM per dial-in node, hard drive.

LAN connections: IBM AT or true compatible, 512K RAM, no floppy required.

A serial port and external modem or internal modem and voice grade telephone line is required for each incoming modem connection.

Typical Application:

MultiLine 10:

Multi-line public or private BBS running up to 4 dial-in lines on a single 386 PC, or a small business with a LAN for local logins, and one or more dial-in lines for customer or outside staff access.

MultiLine 250:

Medium to large sized LAN E-mail or corporate communications system requiring both local network access for more than 10 users, and only a small number of dial-up lines.

Wildcat MultiLine Platinum

Recommended Software:

DOS 3.3 or higher, DESQview 386, OS/2 for multiple lines on one PC. Network applications require Novell Netware or LAN software that uses DOS SHARE for file and record locking.

Hardware requirements:

Minimum 486-33, 8-16 MB RAM, hard drive. Serial I/O boards required are to run 8 lines are PC/8e or PC/8i Digiboard with connecting cable or multi-port serial card that is FOSSIL compatible. An external modem and voice grade telephone line are required for each incoming modem connection.

Typical application:

Medium to large sized LAN E-mail or corporate communications system requiring both local network access for more than 10 users, and up to eight dial-up lines per workstation. Large multi-user public or private BBS, with up to eight incoming telephone lines per workstation.

wcPRO Utilities for Wildcat! 4

wcPRO is the professional system operator's secret weapon, offering FAX-on-demand, extended database processing and statistics capabilities to further enhance Wildcat! 4's already powerful range of function.

wcPRO General Information:

The wcPRO Utilities give you more flexible access to the Wildcat! 4 user, file, and message databases. You can set match criteria based on content of any combination of fields in the databases, and you can save frequently used match setups to disk for easy access and batch processing. Browsing, listing, deleting, and changing functions all respect the currently loaded match criteria.

User Database Functions

- browse user database sorted by Name, Name & UserID, Security Profile, Expire Date, or Alias
- edit any field in any user record
- relational hooks to message databases allow you to write a message to user while browsing user database
- list users to screen or file in comma delimited, fixed length, .DBF (dBase), or mailing label formats based on the currently loaded match criteria (i.e., print mailing labels to send information to all users who's first call was in the last 7 days)
- globally change any field in the user database based on the currently loaded match criteria (i.e., add a comment to all user's records who have written more than 50 messages)
- delete users based on the currently loaded match criteria (i.e., delete users who have not called in more than 90 days)

File Database Functions

- browse file database sorted by Filename, File Area, File Date, or Uploader
- edit any field in any file record
- view any file or archive while browsing database (sysop can configure external file viewers and editors based on the extension of file)

- relational hooks to user and message databases while browsing file database records allow you to jump directly to user database entry of person who uploaded file or write messages directly to uploader
- list files to screen or file in single line, double line, full, or .DBF (dBase) formats based on the currently loaded match criteria (i.e., create a list of all the files available for download from your BBS)
- globally change any field in the file database based on the currently loaded match criteria (i.e., freshen the date and time fields of the file database entries to match the actual date and time of the file on disk)
- delete files from the database and/or disk based on the currently loaded match criteria (i.e., delete all files from the database which were on an old CD-ROM disk you no longer offer to your users)
- report files without database entries and files in the wrong directory based on the currently loaded match criteria

Message Database Functions

- browse message databases sorted in forward or reverse order
- edit any field in the message header and/or message text
- copy or move messages to any other database while browsing
- relational hooks to user database allows you to jump directly to user database entry of sender or recipient of message while browsing messages
- list messages to file in single line, header only, or full text formats based on the currently loaded match criteria (i.e., export all the messages written by a certain user to a text file)
- delete messages based on the currently loaded match criteria (i.e., delete all private e-mail messages more than 7 days old which are marked as having been received)

Questionnaire Reporting Functions

- create statistics reports and graphs for multiple choice questions process questionnaire answer data file into comma delimited, fixed length, or .DBF (dBase) formats
- can be configured to maintain history files to track questionnaire statistics over long periods while still allowing frequent processing of the data files
- can be configured to delete the raw data files when done processing them
- reports can be ASCII text, color coded .BBS files, and .RIP graphics files

Statistics Reporting Functions

- can create the following tables: general statistics, average user, bulletin statistics, message statistics, questionnaire statistics, door statistics, area code statistics, top file downloads, top downloaders, top uploaders, and node efficiency
- can create graphs based on baud rates, download protocols, upload protocols, logoffs, calls by day, and calls by hour
- all of the reports can be based on any combination of nodes, file areas, and conferences
- can be configured to maintain history files to track statistics over long periods while still allowing frequent processing of the activity logs
- can be configured to delete the activity logs when done processing
- reports can be ASCII text, color coded .BBS files, and .RIP graphics files

Batch Processing Functions

- list, change, or delete users based on match files
- list, change, or delete files based on match files
- create reports of missing and unlisted files

- list or delete messages based on match files
- process questionnaires based on saved configuration settings
- process statistics based on saved configuration settings

wcFAX - FAX-on-demand application

System Requirements:

- Wildcat! 4 BBS (any version)
- Class 1 or Class 2 FAX modem connected to a standard (UART) serial interface (user interface works with any serial interface supported by Wildcat! 4)

Features:

- full-screen menu driven configuration program
- up to 32000 different documents with up to 10 files per document
- documents can be ASCII text, .PCX graphics, or a combination of the two
- sysop configurable cover sheet
- access to individual documents determined by caller's security profile
- users can mark and queue up FAX documents in the same way as marking and queuing up files for download
- FAX server can run as an additional DESQview or network task, as a post-call event, or as a timed Wildcat! event
- sysop configurable dialing prefix and suffix based on local, metro, regional, long distance, and overseas phone numbers
- FAX requests to phone numbers configured as toll calls may be scheduled for times and/or days when rates are lower
- sysop can configure cost for each individual document and have wcFAX automatically deduct the assigned number of units from the user's account balance
- FAX server will try up to 3 times to get the FAX through (up to 5 times if the line is busy), but aborts immediately if a VOICE answer is received
- support for RIP terminal emulation for point and click queuing of documents
- color .PCX files are converted automatically to dithered black and white images when the document is rasterized prior to sending
- user can enter FAX number of their choice (wcFAX automatically loads the user's FAX number from the Wildcat! 4 user database) based on their security profile
- sysop can configure a list of bad phone numbers which wcFAX will not allow users to send to (i.e., 911, local time/temperature)
- users (based on their security profile) may change the To: field name when requesting FAXes
- FAXes are rasterized in normal or fine mode based on the user's security profile

wcGATE - Internet/MHS Messaging Gateway for Wildcat! 4

wcGATE gives you the capability to connect your Wildcat! 4 BBS to the world's largest network of computers - the Internet, as well as gate messages to and from your Novell MHS server. Your callers will be able to send and receive Internet or MHS E-Mail, as well as read and post articles in Usenet Newsgroups.

System Requirements:

- Wildcat! 4 BBS
- MHS gateway requires Novell's MHS server v1.5 (Global MHS not recommended)

-Internet gateway requires a UUCP account with an Internet provider
(lists of commercial Internet providers are available on the MSI HQ
BBS)

Internet Features:

- import and export Internet E-Mail
- import and export Usenet Newsgroups
- uuencoded files arriving at your site are automatically uudecoded and transformed into message file attachments
- files attached to outgoing messages are automatically converted to uuencoded messages
- built-in support for both 12 bit and 16 bit UNIX Compress and Decompress archiving methods
- up to 2 billion user name translations per host may be configured
- support for up to 65000 direct downlinks and 65000 hosts
- configurable "smart host" routing tables for each downlink
- route mailing lists to public conferences so more than one user can participate in each list
- support for moderated newsgroups
- support for Pagesat and Planet Connect satellite Internet connection
- creates bounce messages automatically if mail arrives at your system and the user does not exist in your user database
- full Internet DNS addressing support
- Wildcat! 4 user names are automatically parsed into valid DNS addresses without having to set up translation tables

MHS Features:

- route E-Mail to any MHS compatible product via a Novell MHS server
- supports attaching files to messages
- echomail support via MHS transport - echo message conferences with other MHS capable Wildcat! 4 BBSes

wcCODE - Custom Online Development Engine for Wildcat! 4

wcCODE is a powerful development tool for customizing your Wildcat! 4 BBS. The wcCODE programming language is modeled after the BASIC programming language and it includes wcIDE, a full-screen integrated development environment with robust editor and online context sensitive help system.

The compiled programs developed with wcCODE may be run on any Wildcat! 4 BBS, regardless of whether that system has the wcCODE compiler. wcCODE developers need not distribute the uncompiled source code for their programs. This feature makes wcCODE an ideal development language for third party applications. No royalties to Mustang Software (other than the initial licensing fee) are required for applications developed with wcCODE.

wcIDE - Integrated Development Environment for wcCODE

- full-screen editor
- pull down menus
- full mouse support
- clipboard
- open multiple files for editing
- compile programs directly from within wcIDE via function key
- search, search and replace, and search again functions
- resize, tile and cascade windows at will

wcCODE Programming Language
-structured procedural language similar to BASIC
-open files for input, output, append, binary, and random
-built-in indexing functions
-built-in sorting functions
-data types include: string, byte, integer, long, real
-support for user-defined data types (records)
-floating point math functions
-pre-defined Wildcat! 4 specific data types including:
 ModemProfileRecord, MakewildRecord, MasterRecord, NodeInfoRecord,
 ConfRecord, UserRecord, SecurityProfile, MessageHeader, and FileRecord
-more than 180 built in functions (standard BASIC functions plus all of
the Wildcat! 4 menu functions and additional functions applicable to
the Wildcat! 4 environment)
-built-in support for all RIPscript v1.54 functions
-support for masked input fields
-built-in file sharing for use on multi-user systems

Mustang Software Inc	800-999-9619 (sales)
6200 Lake Ming Road	805-873-2500 (office)
Bakersfield, CA 93306	805-873-2550 (tech support)
	805-873-2400 (BBS)
Att: Dep't. STR	805-873-2599 (fax)

> McAfee At Your Service! STR InfoFile

New Virus Alerts!!!
=====

The following viruses arrived too late to be placed into Version 116,
however, enclosed are descriptions and external strings to detect them.

To use the external strings, create a text file with one string per line
and save it to something like VIRUS.TXT. Then run VIRUSCAN by typing:

SCAN C: /EXT VIRUS.TXT

You can replace "C:" with any drive letter or letters (each separated by a
space). To check all local hard disk drives, replace "C:" with the "/ADL"
switch. To check all network disk drives, replace "C:" with the "/ADN"
switch.

NOTE: These strings are for VIRUSCAN Version 11X only, not the new
Version 2.x series.

Chill Touch

=====

Description: The Chill Touch virus is a memory-resident .COM file

infector. When run, the virus installs itself in memory as a terminate-and-stay resident program and infects COMMAND.COM.

Infection Method: Once in memory, the virus watches for the running, copying, and opening of .COM files and infects on these accesses, increasing the size of infected files by 544 bytes.

Messages: The virus contains the message "Chill Touch . You can't touch these phantoms", however, the message is not visible within the virus code due to a simple XOR loop used to cipher the virus code.

Detection: The virus can be detected by VIRUSCAN's /EXT switch with the following string:

```
"C7 09 8B F7 AC 34 ? AA E2" Chill Touch
```

Infected files can be deleted with the DOS DEL command or VIRUSCAN's /D switch.

VIRUSCAN's validation and recovery codes option will also detect and remove this virus.

Other: We have received two reports of this virus from the United States and one report of the virus from Europe to date.

Junkie

Description: The Junkie virus is a memory-resident multipartite (file and system area) infector. The virus infects .COM files greater than 4,096 bytes and the master boot record of hard disks.

Infection Method: Once a virus-infected program is run, the virus installs itself in memory as a terminate-and-stay-resident program.

On the system area of the hard disk, the virus copies two 512-byte sectors of code into the first track of the hard disk. The virus then modifies the existing master boot record of the hard disk to read the extra sectors and execute them upon boot-up.

For files, the virus monitors the system for attempts to run and open them. When a file is run or opened, the virus checks it for a .COM extension on the file. The virus modifies the beginning instructions of the file to point to the end of the file, and adds approximately 1,024 bytes of virus code to the end of the file. The next time the file is run, the virus code will then be executed before returning control to the host program.

Messages: The virus contains the text;
"Dr White - Sweden 1994 Junkie Virus -

Written in Malmo....", however, this message is not visable within the virus code due to a simple XOR loop used to cipher the virus code.

Detection: The Junkie virus can be detected by VIRUSCAN's /EXT switch with the following string:

```
"26 81 34 ? ? 46 46 E2 F7" Junkie Virus
```

Infected files can be deleted with the DOS DEL command or VIRUSCAN's /D

switch.

VIRUSCAN's validation and recovery codes option will also detect and remove this virus.

Other: We have had one report of this virus on one PC from Stockholm, Sweden.

While there have been multiple reports of this virus from the Great Lakes region of the United States, it appears that these are not reports OF the virus but reports ABOUT the virus from the U.S. distributor of a Scandinavian antivirus program.

We have had no other infection reports of this virus from any of our 150+ offices in 50+ countries around the world.

Aryeh Goretsky
Manager, Technical Support
End of Bulletin MCAFEE Technical

> Symantec News Notes STR InfoFile

SYMANTEC EXPANDS NETWORK SERIES SOLUTIONS WITH
NORTON DISKLOCK AND NORTON DISKLOCK ADMINISTRATOR
FOR WINDOWS, DOS AND MACINTOSH PLATFORMS

Provides users or LAN administrators with a complete and easy -to-use solution to secure valuable information and protect accessibility.

KEY FEATURES OVERVIEW

- * Offers three levels of graduated security: password, file/directory locking and encryption.
- * Protects hard disks, folders and files from unwanted intrusion.
- * Unobtrusive, stringent access control.
- * Administrator version provides configuration and distribution for an entire network from a central location.
- * Offers a single vendor enterprise solution for cross-platform security and multiple licensing packaging.

CUPERTINO, Calif. -- Symantec Corporation (NASDAQ:SYMC) announced The Norton DiskLock Series, a complete and flexible software solution that empowers individual users or LAN Administrators to secure not only initial system access but also the exact information they need protected. The Norton DiskLock Series includes The Norton DiskLock 3.0 for individual PC use and The Norton DiskLock Administrator which includes multiple versions of the PC component, plus centralized LAN administration tools. Both

products are available in either PC or Macintosh versions.

"The Norton DiskLock Series offers a solution to all levels of computing environments and applications whether it's a user that leaves their computer unattended, shares their computer or works on a network," said Ken Felderstein, Symantec Peter Norton Group business unit director. "For LAN Administrators, downsizing and the movement of a new level of information to the desktop has raised the need for PC security to an immediate priority. What was once seen as a potential security breach and daunting installation and configuration process is now easily solved with The Norton DiskLock."

The Norton DiskLock Series provides three levels of graduated computer security: password protection against unauthorized system access, discretionary file locking and selective encryption. The programs offer a balance between airtight security by loading before the computer's operating system with an ease-of-use not generally found in the computer security market.

The Norton DiskLock Administrator is the only access control product available to offer LAN administrators the ability to remotely distribute and configure from a central location as well as gather and view global audit logs. In addition, Norton DiskLock is part of an extensive, evolving Network Series from Symantec and offers seamless integration with The Norton Administrator for Networks program.

Easy, Foolproof Protection

The Norton DiskLock Series sets up much faster than other password programs. Rather than having to select each individual file, users can choose file groups or entire directories. The programs support file locking and two methods of encryption, including proprietary and the government standard DES specifications. The programs also allow the primary user/administrator to assign discretionary access to secondary users by granting full access or no access to files and directories.

Users are assured of stringent security with the only solution available which loads before the system software, so unauthorized users can't boot up, even from a floppy disk. An access log is maintained where all unauthorized entry attempts to The Norton DiskLock are logged and reported to the authorized user. The Norton DiskLock Series also provides autolocking which automatically blanks the screen and blocks access to the system after a set period of mouse and keyboard inactivity. User productivity goes uninterrupted by offering background tasks such as printing or fax processing to continue and access to the system is easily returned to the authorized user via user ID and password.

Network Security Solution

The Norton DiskLock Administrator is an invaluable security solution for network users and LAN administrators. Based on Symantec's SymNet (TM) network management technology, DiskLock Administrator is the only solution available today to offer remote distribution of The Norton DiskLock from a central console as well as remote configuration of the program with the ability to set passwords and settings. In addition, the global audit capabilities of The Norton DiskLock Administrator allows LAN administrators to collect audit logs from the individual workstations on the network and store them in a central location.

The Norton DiskLock Administrator also provides LAN administrators and

network users the added value of a common security interface across DOS, Windows and Macintosh computers as well as the added confidence of a single-vendor providing the enterprise security solution across all the network's workstations.

PRICING AND AVAILABILITY

The Norton DiskLock 3.0 is available at a suggested retail price of \$129 for either the single user PC or single user Macintosh version. The Norton DiskLock Administrator is available at a suggested retail price of \$1161 for the PC 10-pack or the Macintosh 10-pack. As a special introductory offer The Norton DiskLock Series is available at a suggested retail price of \$99 for single user versions and \$891 for Administrator 10-pack versions through May 14, 1994.

The Norton DiskLock 3.0 PC version runs on a IBM AT, PS/2 and 100% compatibles, requires MS DOS/PC DOS 3.3 or higher with 640K RAM, 4 MB disk space, and is compatible with Microsoft Windows 3.1. The Norton DiskLock 3.0 Macintosh version runs on Macintosh Plus or higher, and requires Systems 6.04 or later including System 7.x and 1 MB RAM.

The Norton DiskLock Administrator PC version is compatible with the major network operating systems including Novell NetWare, Banyan Vines, Microsoft LAN Manager and IBM LAN Server and supports both DOS and Windows client operating systems. The Administrator's console runs on a Windows management platform which requires an IBM 80386 PC or 100% compatible, DOS 3.3 or higher, Windows 3.1, and minimum disk space of 5 MB. The Norton DiskLock Administrator Macintosh version requires an AppleTalk-compatible network and requires 4MB of RAM on the administrator's console.

Symantec Corporation develops, markets and supports a complete line of application and system software products for IBM personal computers and compatibles, and Apple Macintosh computers. Founded in 1982, the company has offices in the United States, Canada, Australia and Europe. Information on the company and its products can be obtained by calling (800) 441-7234 toll free, or (503) 334-6054.

Brand and product references herein are the trademarks or registered trademarks of their respective holders.

Norton DiskLock and Norton DiskLock Administrator

> MULTIMEDIA TOOLKITS STR InfoFile

GENUS RELEASES MULTIMEDIA TOOLKITS

FOR DOS AND WINDOWS!

Genus Microprogramming is now shipping GX Effects 3.0, a DOS toolkit for adding multimedia effects, animation, and sound to programs written in almost any language. Genus is simultaneously releasing GX Effects 1.0 for Windows, for multimedia support under Microsoft Windows. GX Effects allows developers to manipulate images with a variety of transitional effects, such as weaves, slides, and spirals. By adjusting a number of parameters, the developer can literally create an infinite variety of effects. Many animation routines are also provided for animating sprites (a sprite is a moving graphic object such as a flying bird or a walking man). GX Effects makes it easy to move sprites across a background without any annoying flicker--a problem common to many sprite routines. Sprites can be placed transparently to the display, or to off-screen virtual buffers. Support for Autodesk Animator Flic files is provided as well, for seamless integration into a users program (DOS version only).

Besides visual effects, GX Effects for DOS provides a complete music definition language and a Sound Blaster voice file interface, whereas GX

Effects for Windows provides both MIDI and WAV support. This allows developers to add music and sound effects to their programs. For example, developers are able to play music in the foreground or background while an effect or animation is performed. GX Effects supports all display modes of the Hercules, CGA, EGA, VGA and Super VGA display adapters up through 1280x1024 in 16 million colors, including the popular Mode X game resolutions. It contains a comprehensive set of compiler interfaces for C, Pascal, Basic, Fortran, Assembly, and Clipper, and any compiler supporting Windows DLLs.

The price of GX Effects for DOS or Windows is \$199 each, with source code available for an additional \$200 when purchasing either package. GX Effects is available directly from Genus or through dealers such as Programmer's Shop, Programmer's Paradise, Programmer's ProVantage, etc. Inquiries should be directed to Genus' toll free sales number 800/227-0918 or internationally at 713/870-0737.

For more information, contact:

Genus Microprogramming, Inc.
Terry Marshall
Marketing Coordinator
713/870-0737

> DATAPERFECTION IN DENVER STR InfoFile

DATAPERFECTION IN DENVER
A Conference for DataPerfect Users

* * * * *

July 29 and 30, 1994
Friday and Saturday
8:30am to 5:30pm

Hyatt Regency Tech Center
7800 East Tufts Avenue
Denver, CO 80237
U.S.A.
303/779-1234

About the Conference

Many of us who attended WordPerfect Corporation's 1993 DataPerfect Conference were unhappy to hear WordPerfect Corporation wouldn't repeat that in 1994. Soon after hearing the bad news, I and a handful of other dedicated DataPerfect experts started phoning and EMailing each other with the single-minded purpose of putting together a 1994 conference nonetheless.

Well, we did it! This spectacular two-day event takes place on Friday and Saturday, July 29 and 30, 1994. We'll offer classes on many topics--some for beginners, others for the more experienced. And, just like the 1993 Conference that WordPerfect Corporation put on, we'll offer some "show and tell" sessions, where some DataPerfect application developers demonstrate their wares. Call us if you'd like to show off your stuff as well.

Now, unlike the 1993 Conference, we're offering something new. On a "first come, first serve" basis, we'll offer individual consultations for those with questions about particular problems they're having with their applications. We'll offer up to two hours of "one-on-one" consultation with an expert in the field! You'll probably have to call in advance for this, because I doubt we can offer a full two hours to everyone. Let us know the problem you want worked out--as best you can describe it--and we'll line you up with the right expert, time permitting. There's no additional charge for this, so get on the list right away if this interests you.

Class Topics

We don't have a firm line-up of who's teaching what, but we do have a list of topics we're prepared to teach. Though we guarantee that beginners, intermediates, and the advanced will be well served in this conference, we're waiting to hear from you as to what you would like to learn. Let us know your first five choices in order of preference (see the Registration Information Sheet on the last page of this file).

To get some ideas, take a look at the following list of topics we're prepared to teach. Some are clearly not for beginners, and others are clearly not for the advanced:

- Defining a database on paper
- Database design
- Indexes, Links, and Lookups
- Formulas
- Menu creation, design, and management
- Report creation and design

- Report variables
- Exception list indexes
- DPDiagnostics
- Importing and exporting data
- Transaction logs
- Understanding STE files
- Protecting your database
- DataPerfect with Windows
- Printer control techniques
- DataPerfect/Shell/WordPerfect integration
- DataPerfect on LANs
- Backup strategies & disaster recovery
- Remote connections
- Add-ons, accessories, utilities
- Screen tricks
- STE file editing
- Developer needs
- Office automation design
- Special effects

Transportation

Transportation between the Hyatt Regency and Stapleton International Airport is \$8.50 each way, via the Airport Limousine Service (about thirty minutes). The Hyatt Regency also offers a complimentary shuttle on a "first come, first serve" basis, within a five-mile radius of the hotel.

Accommodations

The Hyatt Regency at the Denver Tech Center has given us a very nice deal for conference participants. To get this deal, though, you must reserve your room by June 28. Here's what we got for you:

Single room	\$65/night
Double room	65/night
Business Class	80/night

"Business Class" rooms include things like a fax machine. However, all rooms have data jacks on the phones, making it convenient to stay in touch with CompuServe after dinner! Of course, maybe I'm the only one who does that.

You can call Hyatt's toll-free national reservation service to reserve a room:

800/233-1234

When you call to reserve a room, mention the conference name: "DataPerfection in Denver." That should get you the discounted room rate. You're responsible for your own room reservation.

Hotel Amenities

As well as wonderful rooms to plop down in after an exciting day with fellow DataPerfect users, this Hyatt offers an indoor pool, hottub,

exercise room, and an outdoor lighted tennis court. For ten dollars, they'll transport you to the Greenwood Athletic Club, which has luxurious facilities, including racquetball, squash, exercise equipment, an olympic pool, running tracks, basketball and volleyball courts, etc.

Also nearby is the Cherry Creek Mall, with galleries, fancy shopping, amazing restaurants, the "largest bookstore between Chicago and L.A." You'll also find easy access to the Denver Zoo, Botanic Gardens, Museum of Natural History, Planetarium, IMAX, Children's Museum, Coors Brewery, Water World, U.S. Mint, and, of course, nice mountains.

Faculty Listings
(alphabetical order)

(The following is a partial list of instructors. As the others submit their curricula vitae, I'll update this list.)

RALPH ALVY, DC, is a chiropractor in Santa Monica, California, who runs his practice with a DataPerfect application he wrote. He manages the DataPerfect section of WordPerfect Users Forum on CompuServe, and has authored numerous articles on DataPerfect in independent DataPerfect newsletters, including DataPerfection.

JIM BRADLEY is a computer systems and management consultant in Ottawa, Canada, specializing in associations and non-profit organizations. He's a contributing editor on technology issues to Association Magazine and serves as the Executive Director of a large health organization. With DataPerfect, he developed CENSys, an association management information system which includes donation, conference, and education modules.

GAVIN CLARKSON is a Lecturer in Computer Science at Rice University and DataPerfect "poster boy" for the legal and governmental industry. He has developed systems for law firms, corporate legal departments, and governmental relations offices. His company, NationBase, is the world's leading provider of legislative management software.

DON FRIEDMAN is President & CEO of PRS Data Systems and Professional Record Systems, Inc., of Pittsburgh, PA. He's developed dozens of DataPerfect applications for a wide range of clients, including some of the largest known DP applications. These huge applications are part of a voter profile system he maintains for Democratic candidates for office in Pennsylvania.

DANITA HELLMUND is a network consultant in Englewood, Colorado. Using WordPerfect Shell and Shell macros, she specializes in integrating DataPerfect with other products, including implementing DataPerfect as a secondary merge manager.

MARK Y. NEPON, DMD, is a dentist in Winnipeg, Canada, and the developer of DENTALOffice(TM), a dental office practice management program based on DataPerfect, marketed by Telamore, Inc., Provo, UT. Using DataPerfect, he placed third at the annual developers competition (87 teams worldwide) in November 1993.

DEBBIE SHAFFER is the administrator of the Legal Department at Southwest Research Institute in San Antonio, Texas. She's written unique multi-user applications with intricate tracking and reporting functions to manage all matters handled by in-house counsel. In addition, she's served as an

in-house consultant to various research departments in planning special DataPerfect applications for use in research and development projects, and has taught numerous in-house classes on database development and report writing to departments seeking to substantially increase productivity.

HEMAN SMITH is the publisher of DataPerfection, the DataPerfect User's Newsletter, as well as the developer of AdSales!, an advertising client management package, and SUBSCRIBE!, a subscription fulfillment package for newsletters and magazines.

MICHAEL S. VICTOROFF, MD, is a family physician in Denver, Colorado, and Director of Medical Informatics for HealthONE, Colorado's largest hospital system. He's the developer of ChartR, a medical record system based on DataPerfect.

TOM YUHAS is a trial attorney in Los Angeles, California. Besides having developed a Case Management application used by four associate attorneys and fifteen staff members, he also uses DataPerfect to help with product defect litigation, by indexing, cross indexing, and managing manufacturers' document production, which often numbers more than 100,000 documents for a single product.

DISCLAIMER OF WARRANTY AND LIMITATIONS OF DAMAGES

We expect that certain application, demonstration, and class materials may be made available to participants on disk. We also anticipate you may request and/or allow a presenter to use your computer for demonstration, application help and like activities. You are not required to allow anyone to use your personal computer, nor are you obligated to use the materials that may be provided. No warranty is made regarding either the materials themselves or the disks. If you choose to allow someone to use your computer or you choose to use a provided disk, you are solely responsible for any damage incurred thereby. Before you or anyone else use a disk, ALWAYS CHECK IT FOR VIRUS CONTAMINATION BEFORE INSERTING THE DISK INTO YOUR MACHINE.

The sponsors of this event will make every effort to check the disks they provide using generally available anti-virus programs. There is no guarantee that our efforts will identify every virus, nor is there any guarantee that a virus will not enter distributed disks after we check them. For your own peace of mind and financial well being, be sure to scan all disks before you use them.

Should damages result to a computer or software as a result of any materials provided or any work performed or demonstrated using your computer, our liability for such damage is limited to providing a replacement disk, or repairing the mechanical or electronic components we physically damage. We are not responsible for any other loss including damaged software, damaged information databases, loss of business information, business interruption loss and the like.

The sponsors are not responsible for the security of your equipment. Always keep your computer with you. Never leave it unattended. Neither the sponsors or the hotel can guarantee security of your belongings. Some states do not allow the exclusion of or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty is void where prohibited.

Registration Information

We're charging \$350 for this two-day conference. Heman Smith, our beloved publisher and editor of DataPerfection, has offered to collect the fees for this event. Given that he has a DataPerfection merchant account, you can pay for this with a Visa or Mastercard over the phone by calling Heman at 208/357-5727. If you're registering by credit card, and you get DataPerfection's answering machine (the message will clearly tell you that you reached DataPerfection's office), leave the following information:

Name
Address
Day and evening phone numbers
Credit card number
Name as it appears on the credit card
Expiration date on the credit card

For those registering by check, make your check out to "DataPerfection," and mail it to the following:

DataPerfection in Denver
1120 North 1200 East
Shelley, ID 83274
Attention: Registration Dept.

* * * * *

I hope to see you there!

Sysop Ralph Alvy
71333,2075
WordPerfect Users Forum

REGISTRATION INFORMATION SHEET

Whether paying by credit card or check, please fill out this sheet and send it to the following:

DataPerfection in Denver
1120 North 1200 East
Shelley, ID 83274
Attention: Registration Dept.

PERSONAL INFORMATION

Name :
Address Line 1 :
Address Line 2 :
City :
State/Province :
Country :

Postal Number :
Day Phone :
Evening Phone :
Fax Line :
CompuServe ID :
Profession :
Job Title :

CLASS TOPICS PREFERRED

First Choice :
Second Choice :
Third Choice :
Fourth Choice :
Fifth Choice :

YOUR DATAPERFECT EXPERIENCE

Please describe your experience with DataPerfect, even if it's just to say you just installed it yesterday and aren't sure what a database manager is.

If you've developed some applications, tell us about them. Do you use them in your business? If so, do you run them on a network? How many work stations? Do you plan on selling DataPerfect applications?

You get the idea. We'd like to know who's coming so we can plan our class offerings accordingly. Feel free to simply use the other side of this page for this little essay. We need your help in making this a wonderful event.

:HOW TO GET YOUR OWN GENIE ACCOUNT:

Set your communications software to Half Duplex (or Local Echo)
Call: (with modem) 800-638-8369.

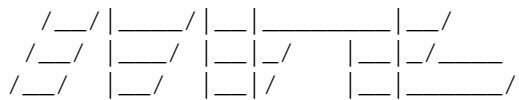
Upon connection type HHH (RETURN after that).
Wait for the U#= prompt.

Type: XTX99587,CPUREPT then, hit RETURN.

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The Macintosh RoundTable



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*** STReport available in MAC RT ***
ASCII TEXT
for ALL GENie users!

MAC/APPLE SECTION (II)

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John Deegan, Editor (Temp)

> Adobe Photoshop 3.0 STR FOCUS!

ADOBEE PHOTOSHOP 3.0 ANNOUNCED

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For Both the Windows and Macintosh Platforms
New Release Provides Multiple Layers, New Color Correction Tools
And
User Interface Enhancements

Mountain View, Calif. (June 20, 1994) (NASDAQ: ADBE) Adobe Systems Incorporated today announced Adobe Photoshop 3.0, a major upgrade that adds new and enhanced composition, editing and production features to the industry leading image processing software. Version 3.0 offers identical features and cross-platform interoperability for the Apple Macintosh and Microsoft Windows versions. The Adobe Photoshop 3.0 program is also designed to take full advantage of the recently developed high-performance Apple Macintosh and Microsoft Windows platforms. The product will be demonstrated publicly for the first in Adobe's booth, #4320, at PC Expo, at the Jacob Javits Convention Center in New York, June 28-30, 1994.

The most significant new features are support for multiple layers and new color correction tools. The frequently requested multiple layers support allows users to manipulate elements of an image on separate layers, much as they would use separate sheets of acetate when using manual techniques. This feature speeds the creative process for image composition, gives users greater creative flexibility, allows them to make corrections more easily and enables them to experiment before committing to an image or design idea.

The new color correction controls improve the process of getting color fidelity when adjusting images for CMYK output. For example, selective color correction lets users specify precisely the amount of ink in a given color plate, saving time and money on unusable film. The improved user interface provides many enhancements, including redesigned floating palettes, a new Commands palette and a new drag and drop feature, all of which allow users more control over their workspace. Additionally, the product has been enhanced to offer a more intuitive interface for

increased productivity.

"Adobe Photoshop 3.0 delivers the features most requested by our customers, from the new image layering capability to the more accurate control of color and creative effects," said Bryan Lamkin, senior product marketing manager for Adobe's Application Products Division. "The major objective of this product release was to improve and streamline the creative process and enable users to fully explore their creative options through innovative user interface and functional design."

New Feature Highlights

The new Layers palette allows users to quickly composite multiple images and to draw, edit or use effects and filters on different layers. Users can quickly try different combinations and placements of graphics, text and special effects, without discarding image data, until the desired effect is achieved. Users can also attach a single 8-bit alpha channel mask, called a Layer Mask, to any layer. A Layer Mask lets users apply effects to a layer, vary the opacity of a layer and use channels calculation commands on a layer without destroying layer data.

Adobe Photoshop version 3.0 also includes a number of user interface enhancements that give users more control over their workspaces. The redesigned floating palettes can be combined and arranged in any order, and the new Commands palette lets users create custom command buttons that provide quick access to the most frequently performed tasks. To save time when using filters, users can preview the effect of a filter before actually applying it to the image. The new drag-and-drop feature lets users quickly copy and paste images between documents or layers without using menu commands.

New color correction controls:

-Selective color correction lets users specify precisely the amount of ink

-The Replace Color feature lets users create masks based on specific colors and correct color by adjusting hue, saturation and brightness values.

-CMYK Preview provides a "soft proofing" capability that lets users preview their results in CMYK without first converting the image.

-Gamut Warning highlights any areas in an image that are out of CMYK gamut. Users can then bring colors back into gamut for correct color separation output.

New Filters enable new lighting effects, facilitate image restoration and encourage development of new special effects:

-The Lighting Effects filter lets users apply a variety of lighting effects to an image via multiple light sources, with a range of colors, intensities and angles.

-The Dust & Scratches plug-in allows users to remove dust and scratches from scanned images to facilitate retouching and photo restoration.

-The Filter Factory plug-in allows users to create and name new Adobe Photoshop plug-ins.

Other new features include:

-Color Range lets users easily build feathered masks by selecting colors in images.

-The Sponge Tool allows users to interactively saturate or desaturate colors. This tool is particularly effective when used with Gamut Warning to bring colors into CMYK gamut.

-IPTC support lets users add file information to an image, such as the photographer's name, date and location the photograph was taken, photo caption, and other information required by the worldwide IPTC newspaper standard.

-For the first time, Adobe Photoshop 3.0 will include a Deluxe CD-ROM at no extra charge. The Deluxe CD will include Adobe Photoshop 3.0, Adobe Acrobat Reader, user tutorials, stock photography and a digital art show.

The CD-ROM will also include a sample collection of third-party plug-ins that take advantage of the program's cross-platform plug-in architecture. A second CD-ROM with Adobe Type On Callt is also included.

New Operating System Support

The program runs native on the Power Macintosh computers and provides excellent performance on 680x0-based Macintosh systems. The new 32-bit Windows version of Adobe Photoshop 3.0 achieves optimum performance on Windows NT by supporting symmetric multi-processing, and maintains full functionality and responsiveness on Windows 3.1.

"Experienced users who try Adobe Photoshop 3.0 on a Power Macintosh or Intel Pentium system running Windows will discover a new and exciting level of performance," Lamkin said. "And we are also maintaining our commitment to feature parity and interoperability between the Windows and Macintosh versions. All in all, we believe version 3.0 will strengthen our leadership in both the Windows and Macintosh markets."

Price and Availability

Adobe Photoshop 3.0 is expected to be available from Adobe authorized dealers in the third quarter of 1994. The suggested retail price is \$895 for either the Macintosh or Windows version. Product packages include both diskette and CD-ROM media. Registered owners of any previous full version of the Adobe Photoshop program may purchase a version 3.0 upgrade directly from Adobe for \$149 plus a small handling fee. Anyone purchasing Adobe Photoshop version 2.5 after June 15, 1994, will receive a free upgrade to version 3.0. Customers with Adobe Photoshop LE editions may upgrade to version 3.0 for \$199 plus a small handling fee. For more information, customers should contact Adobe at 1-800-833-6687.

System Requirements: Macintosh

Minimum system requirements for the Adobe Photoshop 3.0 Macintosh include 68020 or higher processor, Apple System Software 7 or greater, 6 megabytes of RAM available for the application, and hard disk with at least 20 megabytes of free hard disk space.

For better performance, system recommendations include a 68040 or Power Macintosh, Apple System Software 7.1.2 or greater, 8 to 16 megabytes of application RAM, a hard disk with at least 50 megabytes of free disk space, a color monitor with a 24-bit video card and acceleration products

bearing the "Adobe Charged" logo.

System Requirements: Windows

Minimum system requirements for the Adobe Photoshop 3.0 Windows version include an Intel 386, 486 or Pentium processor, DOS 5.0, Windows 3.1 or Windows NT version 3.5, 8 megabytes of RAM (16 megabytes of RAM for Windows NT), at least 20 megabytes of free disk space, a color VGA display adapter and compatible color monitor, and a mouse or other pointing device.

For better performance, system recommendations include a Pentium processor, DOS 6.1 or greater, Windows 3.1 or Windows NT version 3.5, 16 or more megabytes of RAM (32 megabytes of RAM for Windows NT), at least 50 megabytes of free disk space, a color display adapter and compatible color monitor, mouse or other pointing device and acceleration products bearing the "Adobe Charged" logo.

Adobe Systems Incorporated, founded in 1982, is headquartered in Mountain View, California. Adobe develops, markets and supports computer software products and technologies that enable users to create, display, print and communicate electronic documents. The company licenses its technology to major computer and publishing suppliers, and markets a line of type and application software products. Revenue for fiscal 1993 exceeded \$313 million.

Acrobat, Adobe, Adobe Charged, the Adobe Charged logo, Adobe Photoshop and Type On Call are trademarks of Adobe Systems Incorporated, which may be registered in certain jurisdictions. Power Macintosh is a trademark, and Apple and Macintosh are registered trademarks of Apple Computer, Inc. i386, i486 and Pentium are trademarks, and Intel is a registered trademark of Intel Corporation. Microsoft is a registered trademark, and Windows and Windows NT are trademarks of Microsoft Corporation.

For More Information, Please Contact:

Patricia J. Pane
Adobe Systems Incorporated
(415) 962-2967
or
LaVon Peck
Adobe Systems Incorporated
(415) 962-4430

> STAC & MS Ready to GO! STR FOCUS!

STACKER NOTE

STACKER NOTE

MICROSOFT & STAC SETTLE PATENT DISPUTE
Deal marks new era of cooperation; Includes equity investment in
Stac by Microsoft

Redmond, Washington, June 21st 1994 - Microsoft Corporation and Stac Electronics announced today that they have signed a broad cross license agreement to end their disk compression patent dispute. The agreement also includes an equity investment in Stac by Microsoft to provide a framework for future cooperation between the companies.

Under the agreement, Microsoft and Stac will cross license all of their existing disk compression patents, as well as any future disk compression patents that either company receives over the next five years. In addition, Stac will receive a license to Microsoft's preload technology in MS-DOS 6 and Microsoft will receive the right to license, for a royalty, all of Stac's existing patents unrelated to disk compression, as well as any new patents that Stac receives over the next five years.

"Together we resolved this dispute so we could end the inconvenience the recent judgment has caused customers worldwide," commented Paul Maritz, senior vice president, systems division. "This agreement means our customers, resellers and OEM's worldwide can sell and use all versions of MS-DOS without concern."

Said Gary Clow, chairman and CEO of Stac Electronics, "Today's agreement immediately ends our conflict with Microsoft and ushers in a new era of cooperation between the two companies. Having Microsoft as our ally will help us with new business opportunities and be a far better situation for our company. It puts and end to our burdensome legal fees, creates a royalty stream, puts money in the bank and, most importantly, aligns Microsoft's interests with the interests of Stac."

The agreement calls for Microsoft to pay Stac license royalties of \$1 million per month for a period of 43 months. Microsoft will also purchase \$39.9 million of 4.0% non-voting convertible preferred stock which matures in the year 2004. The preferred stock has a conversion price of \$9.00 per share and is convertible into a total of 4.44 million common shares.

"We look forward to working with Stac as a technology and business partner. Stac has invited us to attend their board meetings and we intend to identify areas for possible future cooperation," commented Greg Maffei, Microsoft's treasurer. "As an equity investor in Stac, we have an economic incentive to seek opportunities that can enhance their business."

Founded in 1975, Microsoft (Nasdaq "MFST") is the worldwide leader in software for personal computers. The company offers a wide range of products and services for business and personal use, each designed with the mission of making it easier and more enjoyable for people to take advantage of the full power of personal computing every day.

Stac Electronics (Nasdaq "STAC") is a leading supplier of high-performance data compression products for personal computers. Implemented in software and silicon, Stac's products are sold direct from the company and through retail and OEM sales

distribution channels worldwide.

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IMPORTANT NOTICE!

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STReport International Online Magazine is available every week for your reading pleasure on DELPHI. STReport's readers are invited to join DELPHI and become a part of an extremely friendly community of enthusiastic computer users there.

SIGNING UP WITH DELPHI

=====

Using a personal computer and modem, members worldwide access
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Advantage Members have always enjoyed the lowest DELPHI access rates available. On the new 20/20 Advantage Plan, members receive their first 20 hours of access each month for only \$20. If you happen to meet someone online or find some other diversion, don't worry because additional usage is only \$1.80 per hour.

20/20 Advantage rates apply for access via SprintNet or Tymnet from within the continental United States during home time or via direct dial around the clock. Home Time is from 6pm to 6am weekdays. Access during business time carries a surcharge of \$9 per hour. These rates apply for most services, but note that there are some surcharged areas on DELPHI which are clearly marked with a "\$" sign.

Who is eligible to take advantage of the plan? Any DELPHI member in good standing. Applications are reviewed and subject to approval by Delphi Internet Services Corporation.

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Advantage rates may be changed with 30 days notice given online.

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For a limited time, you can become a trial member of DELPHI, and receive 5 hours of evening and weekend access during this month for only \$5. If you're not satisfied, simply cancel your account before the end of the calendar month with no further obligation. If you keep your account active, you will automatically be enrolled in DELPHI's 10/4 Basic Plan, where you can use up to 4 weekend and evening hours a month for a minimum \$10 monthly charge, with additional hours available at \$3.96. But hurry, this special trial offer will expire soon! To take advantage of this limited offer, use your modem to dial 1-800-365-4636. Press <RET> once or twice. When you get the Password: prompt, type IP26 and press <RET> again. Then, just answer the questions and within a day or two, you'll officially be a member of DELPHI!

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ATARI/JAG SECTION (III)

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Dana Jacobson, Editor

From the Atari Editor's Desk

"Saying it like it is!"

Well, the summer's CES is now two days into the show, and the news, simply put, is exciting! This is the time of the year that Atarians, especially the Jaguar owners, have been anxiously waiting. The summer CES is the place to be for the newest in electronics. For Atari, this will be the time to shine. Here's where the developers, the investors, the buyers, and the press will be for three days. The Jaguar will be the highlight of the show.

This week's issue, specifically the Atari computer section, will be short to accommodate the pending news from Chicago's CES. The focus on this show more than merits the coverage. In subsequent issues, we'll also be likely to continue coverage of the events from CES in an effort to keep you up-to-date with all things Atari.

So, let's get to it!

Until next time...

Delphi's Atari Advantage!
TOP TEN DOWNLOADS (6/22/94)

(1) SPEED OF LIGHT VIEWER V3.1	(6) ASCGIF-ASCII GIF VIEWER
*(2) AEO NEWS! #4	(7) GEMRAM V.1.6
*(3) STARBALL	(8) FIGHT OFF THE MUTANT TOMATOES
(4) TETRIS/BITRIS/COLUMNS	(9) WYRD WAYS
(5) DATELINE ATARI JUNE 94	*(10) XAES-NEW LETEMFLY

* = New on list
HONORARY TOP 10

The following on-line magazines are always top downloads, frequently out-performing every other file in the databases.

STREPORT (Current issue: STREPORT #10.25)
ATARI EXPLORER ONLINE (Current issue: AEO - VOLUME 3, ISSUE 9)
Look for the above files in the RECENT ARRIVALS database.

> CT AtariFest STR InfoFile! - ACT Show Update!

** O U R F O U R T H A N N U A L S H O W ! ! ! **
** /-----\ /-----/ **
** / / / **
** / / CT ATARIFEST '94 / **
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** / __ , / ** BRIDGEPORT ** / **
**
** CONNECTICUT ATARIFEST '94 10 am - 5 pm Saturday 8/27/94 **
** August 27-28, 1994 at the 10 am - 4 pm Sunday 8/28/94 **
** BRIDGEPORT HOLIDAY INN **
** Bridgeport, CT Sponsored by **
** ACT Atari Group **
** (AUGOGH, CCCC, DBUG, FACE, MACH1, STARR & WMAUG) **

FOR IMMEDIATE RELEASE For More Information, Contact Brian Gockley at
(203)332-1721

Space Set Aside at CAF '94 for Weird Science Projects, Better Mousetraps BRIDGEPORT, Conn. (June 24) - You've developed the world's first computer-controlled navel warmer or a revolutionary robotic device that picks ripened fruit from your backyard peach tree. By all rights, the world should be beating a path to your door in search of this proverbial "better mousetrap," but the public doesn't know about it and exposure is costly. Don't fret - Connecticut AtariFest '94 wants to help you show off your product.

Organizers of the largest East Coast Atari event are shaking things up this year by setting aside some space on the exhibit floor and in the seminar room for "Amazing Discoveries," unusual and interesting applications of Atari computers or systems in the real world. The possibilities are limited only by the imaginations of Atari users; exhibits could include a student's project for a science fair, an inventor's marketable innovation or an aspiring software developer's pioneering breakthrough.

CAF '94 Chairman Brian Gockley says ACT Atari Group, sponsor and host of the two-day event scheduled for Bridgeport, Connecticut on

August 28 and 29, is prepared to offer "grants" by reducing exhibitor fees, waiving them altogether or providing modest stipends to qualified applicants whose unusual exhibits or workshops are designed to educate, entertain and excite CAF '94 visitors.

"As happy as we've been with past Connecticut AtariFests, we thought it was time to shake up the line-up a little, get our exhibitors into a competitive frame of mind about being the 'Best in Show.' We want this show not only to be a place where consumers can buy Atari gear at great prices, but where exciting new products are unveiled for the first time and home-brewed applications get folks talking about what they can do on their own computers." To achieve that goal, the group is soliciting proposals from would-be "amazing discoverers."

Grant applicants are invited to submit proposals outlining the basic features of their home-grown product or application and how it might be demonstrated at a trade show. Proposals ought not to exceed 500 words, although applicants may enclose supplementary documents, such as drawings, photos or promotional literature. Applications will be judged for originality of ideas and feasibility of presentation at CAF '94 and must, of course, operate using Atari-compatible systems. Special consideration will be offered to students and small entrepreneurs whose projects have not been developed commercially, but could be aided by the public exposure.

Connecticut AtariFest will be held at the Bridgeport Holiday Inn, 10 a.m. to 5 p.m. on Saturday, August 27 and 10 a.m. to 4 p.m. on Sunday August 28. Single-day adult tickets are priced at \$6 (\$3 for children under 12); two-day passes are \$10. An all-you-can-eat, buffet dinner on Saturday is available for an additional charge.

The event is sponsored by ACT Atari Group, a consortium of computer clubs from Bridgeport, Danbury, Hartford, New Haven and Wethersfield areas, Central Connecticut and Western Massachusetts.

For more information about submitting a grant proposal or other aspects of the show, contact Angela or Brian Gockley, ACT Atari Group, 18 Elmwood Avenue, Bridgeport, CT 06605, (203) 332-1721, or Doug Finch at (203) 637-1034. E-mail the Gockleys at 75300.2514 on Compuserve, or 75300.2514@compuserve.com@inet# via Internet; Finch via 76337.1067 on Compuserve, D.FINCH7 on GENie or 76337.1067@compuserve.com@inet# or D.FINCH7@genie.geis.com@inet# via Internet. (Consult your on-line service for proper E-mail protocols.)

JAGUAR SECTION
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In a nutshell, the Summer CES!!

> From the Editor's Controller - Playin' It Like It is!

Well, the time that all current Jaguar users and the "fence-sitters" have been waiting for is upon us. The summer CES in Chicago is almost over, but the news and excitement is rampant! If all goes well with our CES correspondents, Paul Charchian and Craig Harris, we should have some exciting information for you straight from the show. Also, there are a number of press releases of announcements from CES by Atari included in this issue.

News from Atari's recent stockholders meeting brought some info that many Jaguar owners have been longing to hear: new games!! The next game to arrive from Atari will be 'Wolfenstein 3D', in limited "pre-release" quantities. This should happen in a couple of weeks with normal distribution of the official carts occurring in about six weeks or less. We've been told that these pre-release carts are no different than the official ones coming out later; they've just been rushed through production to get some out to the stores and rental facilities such as Blockbuster Video.

There was also news of the Jaguar's voice modem, Jeff Minter's Virtual Light Machine, the CD-ROM player, and much more. All of these items are discussed in articles below.

It's going to be a jam-packed CES and Jaguar issue, so let's see what our correspondents have learned and brought back for you!!

Until next time...

> Summer CES Video Cassette STR FOCUS!

The REEL Deal!

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Craig Harris
Pointless Productions, LTD.
14 Harrowgate Drive
Cherry Hill, NJ 08003

(Make Check and Money Orders out to Craig Harris)

> Jaguar Catalog STR InfoFile - What's currently available, what's coming out.

Current Available Titles

CAT #	TITLE	MSRP	DEVELOPER/PUBLISHER
J9000	Cybermorph	\$59.99	Atari Corp.
J9006	Evolution:Dino Dudes	\$49.99	Atari Corp.
J9005	Raiden	\$49.99	FABTEK, Inc/Atari Corp.
J9001	Trevor McFur/ Crescent Galaxy	\$49.99	Atari Corp.
J9010	Tempest 2000	\$59.95	Llamasoft/Atari Corp.

Available Soon

CAT #	TITLE	MSRP	DEVELOPER/PUBLISHER
	CatBox	\$49.95	ICD
	Wolfenstein 3D	TBA	id Software/Atari Corp.
	Brutal Sports Ftball	TBA	Telegames

Hardware and Peripherals

CAT #	TITLE	MSRP	MANUFACTURER
J8001	Jaguar (complete)	\$249.99	Atari Corp.
J8904	Composite Cable	\$19.95	
J8901	Controller/Joypad	\$24.95	Atari Corp.

J8905 S-Video Cable

\$19.95

> CES & Atari! STR NewsFile! - Atari Releases News at SCES!

For more information, please contact:

Bill Rehbock, Atari Corporation (408)745-2000

FOR IMMEDIATE RELEASE

JAGUAR(TM) CD-ROM UNDER \$200
Atari(R) reveals CD-ROM and outstanding CD software

CHICAGO, IL. -- June 23, 1994 -- Consumer Electronics Show -- Atari Corporation (ASE:ATC) announced today plans to ship the anticipated CD-ROM to stores in ample time for Christmas shopping. The CD-ROM is a hardware peripheral compatible with any Jaguar 64-bit system and will sell for \$199.95 (MSRP). It enables the Jaguar to play a new generation of impeccable CD-based video games and play audio compact discs. ROM-based software in the CD-ROM allows the user to easily manipulate audio tracks and numerous custom selections when playing audio compact discs. The module includes state-of-the-art technology to play the audio and video portions of CD+G encoded discs. It also provides its own cartridge port so some applications may use the cartridge and CD at the same time.

Mr. Richard Miller, Vice President of Engineering for Atari Corporation, observed, "Compact Discs offer well over 700 Megabytes of raw data storage and many times that number when the data is compressed. The massive storage capacity of a CD provides enough data space to incorporate complex digitized images, full motion video sequences and CD-quality audio soundtracks into games. These things are far from being fully utilized on home platforms and the Jaguar is the perfect system to do just that."

Such complex images, sound and color are integrated parts of the numerous CD software projects currently underway. Blue Lightning(TM), scheduled for Christmas release, is a realistic high speed aerial combat experience aboard your own fighter jet. It features high quality sequenced graphics of landscapes and enemies within 36 separate levels. Using an optional cartridge, game players may save and retrieve statistics such as mission status, high scores and character information for their Blue Lightning missions. Similar information for other CD software titles may also be saved on the same cartridge.

Another of the planned CD releases for Christmas is Battlemorph(TM); a true 3-dimensional experience in over 50 all-new virtual worlds. Player chooses at will between fighter, tank or submarine with complete 3D movement. The many features include texture mapped enemies and structures. Play inside caves, underwater, on land and in the sky. Work with the resistance to bring down the Pernitia Empire. Anyone who enjoys a round of golf will love Jack Nicklaus Cyber Golf(TM). This CD package includes True Color photos of Murfield Golf

Course with access to CD quality voice to help with each hole. Study Jack Nicklaus' golf swing to improve your own game with full motion video of him and other golfers. Also look for the CD titles; Highlander(TM), Creature Shock(TM), Demolition Man(TM) and an assortment of third party products that will begin shipping fourth quarter 1994.

Thanks to the many talents of Mr. Jeff Minter; author of the award-winning Tempest 2000(TM), Atari's new CD-ROM includes the Virtual Light Machine(TM) (VLM). No other game system has VLM. VLM literally looks at audio compact discs as they are played and spontaneously produces a spectrum analysis of every incoming sound. This information is assembled in a frequency map of the music and assigned complex visual equivalents. Advanced 64-bit data processing makes it possible for the translation to take place almost faster than the ear can hear it so images are in perfect tune with the sound as it is played. The result is a stunning light show. VLM is perfect for parties and every other listening environment where audio compact discs are enjoyed. Jaguar owners will enjoy VideoCD full-motion movies with an optional MPEG video cartridge. No other home system offers simultaneous access to cartridges, compact discs and a 64-bit multimedia platform.

The ability to do so much more is another key reason major developers are turning to the Jaguar. Mr. William Rehbock, Vice President of Third Party Development, states, "Our success to attract more than 150 Jaguar licensees is due, in large part, to the tools we are able to provide them. There are basic development tools and there are peripheral options. Developers are drawn to these elements. CD is another option for them that enables them to choose the best media to distribute each product. Ultimately this gives the consumer more choices too."

"We have spent a lot of time to make certain we have packed the CD-ROM full of technologies that our developers can grow into while keeping the platform affordable for the consumer," affirms Mr. Sam Tramiel, President and CEO of Atari Corporation. "It was important to keep the price as low as possible. It was important to include all the features of CD-ROM that developers need most to please their customers. Finally, it was important to remain faithful to our 'Made In America' foundation. The Jaguar is manufactured by IBM in the U.S. The CD-ROM will be manufactured in the United States by Philips.

"Based on feedback we have had so far, consumers want to support an advanced gaming company that makes what it sells at home, " concludes Mr. Tramiel. "We're going to give them what they want."

The Atari Jaguar is the world's first 64-bit interactive multimedia home entertainment system. The Atari Jaguar and compatible software titles have been awarded multiple awards for technical achievement, design and innovation.

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For more information, please contact:

Bill Rehbock, Atari Corporation (408)745-2000

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Look for the CD titles; Blue Lightning(TM), Battlemorph(TM), Jack Nicklaus Cyber Golf(TM), Highlander(TM), Creature Shock(TM), Demolition Man(TM) and more that will begin shipping fourth quarter 1994.

Atari's new CD-ROM includes the Virtual Light Machine(TM) (VLM). VLM literally looks at audio compact discs as they are played and spontaneously produces a spectrum analysis of every incoming sound. The result is a stunning light show. An optional MPEG video cartridge will allow access to MPEG full motion video.

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For more information, please contact:

Sandy LaBrec, Atari Corporation (408)745-2000
Bill Nicholson, Phylon Communications, Inc. (510)656-2606

FOR IMMEDIATE RELEASE

GAMERS PLAY JAGUAR(TM) ON THE TELEPHONE
New System Based on Simultaneous
Voice & Data Communications Technology

CHICAGO, IL. -- June 23, 1994 -- Consumer Electronics Show -- Atari Corporation (ASE:ATC) announced today that playing Jaguar games with opponents over a single telephone line will be a reality in the 4th quarter of 1994. New technology, developed by Phylon Communications,

Inc.; leaders in advanced fax/modem/voice technology, permits two users to play Atari Jaguar video games against each other. Utilizing the same phone line, they may speak to each other as they play. The game experience is truly shared by the two gamers although they may be miles apart from each other.

The Jaguar Voice/Data Communicator uses headsets for the players to hear each other speak as well as listen to the stereo benefits of the game being played. Users will also have call waiting indications, both at local and remote ends, to pause and resume a game due to an interrupting call in the middle of a game. Thus, this product can be enjoyed by the players without being a nuisance to others in the home. "By offering our voice-plus-data technology to leading OEMs and systems manufacturers, like Atari, Phylon is pioneering multimedia communications technology on the dial-up network," noted Dr. Hamdi El-Sassi, President and CEO of Phylon.

The first games planned to exploit the features of the Jaguar Voice/Data Communicator are Doom(TM), Club Drive(TM) and Iron Soldier(TM).

"Reports I have been receiving from Jaguar owners is that they are ready for this technology. We have it and we are going to offer it this Christmas," announced Mr. Sam Tramiel, President and CEO of Atari Corporation. "By reviewing each game we have in development, we have been able to make certain each one integrates every bit of power we can put into it."

The Jaguar Voice/Data Communicator is compatible with Atari Jaguar; the world's first and only 64-bit interactive multimedia home entertainment system. The Atari Jaguar and compatible software titles have been awarded multiple awards for technical achievement, design and innovation worldwide. The Jaguar Voice/Data Communicator is packed complete with stereo headset and is engineered for user friendly, plug 'n' go operation. Future software options will enable the Jaguar Voice/Data Communicator to access existing and upcoming online services on the Information SuperHighway.

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For more information, please contact:

James Grunke, Atari Corporation (408)745-2000

FOR IMMEDIATE RELEASE

TEMPEST 2000(TM) SOUNDTRACK AVAILABLE ON CD
Atari(R) Announces Audio Compact Disc of Cartridge Soundtrack

CHICAGO, IL. -- June 23, 1994 -- Consumer Electronics Show -- Atari Corporation (ASE:ATC) announced today that the popular soundtrack of Tempest 2000 has been re-mastered for a new special edition audio compact disc to be made available in the third quarter of 1993.

"A lot of people ask if Atari would ever consider releasing the incredible soundtrack from Tempest 2000," states Mr. James Grunke, Director of Music and Audio for Atari Corporation. "The music has wide appeal to the large dance and rave audiences who love the techno style of the Tempest 2000 music."

Although some of the specifications are being retained for the formal release in a few months, Tempest 2000 Soundtrack will include new versions of the music used in the actual game cartridge PLUS bonus tracks of previously unreleased material. Tempest 2000 is Atari's blockbuster 64-bit video game title compatible with the Atari Jaguar game system.

Tempest 2000 Soundtrack will be available through Atari retailers, select music stores, or directly from Atari's own Customer Service Department. For more information, contact Atari by writing: Tempest 2000 Soundtrack, Atari Corporation, P.O. Box 61657, Sunnyvale, CA 94089-1657. Tempest 2000 Soundtrack will be priced under \$15.

The Atari Jaguar is the world's first 64-bit interactive multimedia home entertainment system. The Jaguar and compatible game titles have been awarded multiple awards for technical achievement, design and innovation.

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For more information, please contact:

Sandy LaBrec, Atari Corporation (408)745-2000

FOR IMMEDIATE RELEASE

JAGUAR(TM) MANIA INSPIRES NETWORK GAMING
Atari(R) Announces Networking Games Available 3rd Quarter '94

CHICAGO, IL. -- June 23, 1994 -- Consumer Electronics Show -- Atari Corporation (ASE:ATC) announced today that Jaguar owners will be connecting their systems together and playing networked games within the next 4 months. The network technology on the Jaguar can support up to 32 simultaneous game players depending on the software. Networking and Atari's new Voice/Modem for the Jaguar are two innovative ways Jaguar owners can play complex games against each other with multiple systems by Christmas '94.

"We are extremely excited about all of this," said Mr. Richard Miller, Vice President of Engineering for Atari Corporation. "Now 64-bit gaming can be an exciting multi-player experience as well as an individual pleasure."

The Jaguar networking package enables network compatible Jaguar games to be played on different systems up to 300 feet apart from each other. The system uses standard RJ11 phone line cable and implements reliable differential-pair technology. The first network game published by Atari will be Doom(TM). Many other titles will be

announced soon thereafter.

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For more information, please contact:

Greg LaBrec, Atari Corporation (408)745-2000

FOR IMMEDIATE RELEASE

JAGUAR(TM) HITS ROAD WITH E.G.M. SuperTour '94!
Atari(R) Wows Serious Gamers With 64-Bit Energy!

CHICAGO, IL. -- June 23, 1994 -- Consumer Electronics Show -- Atari Corporation (ASE:ATC) announced today that it has hit the road with a summer long exhibition of the Atari Jaguar in many popular shopping malls across America. The SuperTour '94 is the second annual tour co-sponsored by Electronic Gaming Monthly (E.G.M.); an excellent source of information covering the explosive world of video games. The show tour is also sponsored by Hero Illustrated; the number one name in comic guides.

SuperTour '94 offers an opportunity for merchants and enthusiastic game players to see, feel and hear the newest innovations in gaming entertainment including the Atari Jaguar; the world's first and only 64-bit interactive multimedia home entertainment system. The Jaguar and compatible game titles have been awarded multiple awards for technical achievement, design and innovation worldwide.

"We want gamers to compare our system with others," states Mr. Sam Tramiel, President and CEO of Atari Corporation. "The E.G.M. SuperTour encourages those comparisons with side-by-side competitions and demonstrations. Comparisons always sell more machines for Atari."

The E.G.M. SuperTour '94 is scheduled through September in shopping malls from Charlotte and Orlando to Los Angeles and Seattle; with cities like Chicago and Denver along the way. The show attracts gamers and comic collectors with a wide variety of contests, games and prizes including a full-size professional pinball machine.

"We are getting flooded with calls," notes Mr. Donald Thomas, Director of Customer Service for Atari Corporation. "Gamers want us to know that they saw the Jaguar at some of the preseason shows and their nearest store sold out already. They want to know where to find more."

The SuperTour '94 show schedule may be found in the most current issue of Electronic Gaming Monthly. The announced tour stops include the following cities:

June 24 - 26	Lincolnwood Town Center	Lincolnwood, IL
July 1 - 3	Rosemont Convention Center	Chicago, IL
July 8 - 10	Northlake	Atlanta, GA
July 15 - 17	Atlanta Hilton and Towers	Atlanta, GA
July 22 - 24	Aurora Mall	Denver, CO
July 29 - 31	Plaza Bonita	San Diego, CA
August 3 - 7	San Diego Convention Center	San Diego, CA
August 12 - 14	Del Amo Fashion	Los Angeles, CA
August 19 - 21	Glendale Galleria	Los Angeles, CA
August 26 - 28	Vallco Fashion Center	Cupertino, CA
September 2 - 4	Eastridge	San Jose, CA
September 9 - 11	Southcenter	Seattle, WA

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For more information, please contact:

Bill Rehbock, Atari Corporation (408)745-2000

FOR IMMEDIATE RELEASE

ATARI(R) CELEBRATES 150+ JAGUAR(TM) LICENSEES Expanded List Includes Prominent New Names

CHICAGO, Il. -- June 23, 1994 -- Consumer Electronics Show -- Atari Corporation (ASE:ATC) announced today that the number of signed licensed developers for the Atari Jaguar has surpassed 150. According to Mr. William Rehbock, Vice President of Third Party Development for Atari Corporation, "Each signature represents another developer that is serious about the desire to develop Jaguar compatible peripherals or software. Although a few may be focused on highly specialized applications, the majority are in the business of dazzling video game players.

"The newest list," adds Mr. Rehbock, "includes names such as 20th Century Fox Interactive, JVC Musical Industries, Inc., Time-Warner Interactive and Electro Brain Corp. These are exciting names to have shown support in the way that they have. We welcome them and look forward to accommodating their needs as they intensify their Jaguar development interests with us."

Names found among the recently inked pages include:

20th Century Fox Interactive	Acid Software
Alfaro Corporation Limited	B.S.A.
Bando Svenska AB	Beris
BitMotion Software	Bizzare Computing
Brandlewood Computers Ltd.	Cannonball Software
Celebrity Systems Inc.	Condor Software
Cross Products Ltd.	DAP Developments
Data Design	Denton Designs Ltd.
Diskimage	Electro Brain Corp.
Electrom	Extreme
Factor 5	Flair Software Ltd.

Frankenstein Software	Funcom Productions a/s
Human Soft Ltd.	i-SPACE
iTHINK Inc.	JVC Musical Industries Inc.
Kungariket Multimedia	Lost in Time Software
Malibu Interactive	Media Technology Scandinavia
Merit Industries Inc.	Michton Inc.
Miracle Designs	Nebulous Games
Neon-Buttner	Network 23 Software
NMS Software Ltd.	Odyssey Software Inc.
Orion Technologies Inc.	Phoxy
Rage Software Ltd.	Rainmaker Software Inc.
Riedel Software Prod.	Scangames Interactive
Selgus Limited	Shadowsoft Inc.
Sigma Designs	Silmarils
Sinister Development	Soft Enterprises
Softgold GmbH	Software 2000
Software Development Systems	Spaceball Technologies Inc.
Steinberg Soft-und Hardware GmbH	
Tantalus Entertainment	Tantalus Incorporated
Twilight	Time-Warner Interactive
Visual Sciences Ltd.	Wave Quest Inc.

"Once again," observes Mr. Sam Tramiel, President and CEO of Atari Corporation, "as I check with our developer support people I find that they are assembling more batches of Jaguar development packages. It is an extremely promising sight because these systems represent a lot more consumer products in the months ahead. All of these people are working hard and they sure are busy..."

"...as they should be," adds a smiling Mr. Tramiel.

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For more information, please contact:

Greg LaBrec, Atari Corporation (408)745-2015
Scott Stern, Norscot Group, Inc. (414)241-3313

FOR IMMEDIATE RELEASE

JAG-WARE(TM) DEBUTS FOR JAGUAR(TM) AFICIONADOS Norscot Group, Inc.
Releases Atari(R) Jaguar(TM) Specialty Catalog.

CHICAGO, IL. -- June 23, 1994 -- Consumer Electronics Show -- Atari Corporation (ASE:ATC) announced today a new full-line gift catalog especially for Atari Jaguar gamers. The catalog, shown publicly for the first time at the Consumer Electronics Show (CES) in Chicago, features nearly 20 popular consumer items fashionably adorned with the licensed Jaguar logo. The Atari Jaguar is the world's first 64-bit

interactive multimedia home entertainment system and is the only system of its kind manufactured in the United States. The Jaguar has been awarded multiple awards for technical achievement, design and innovation.

Effective July 1, 1994, consumers throughout the world may order products exclusive to the new Jag-Ware collection. Items range in price as low as \$2.95, but no item is more than \$100 and include watches, T-Shirts, waist packs, caps and more.

"We have been bombarded by Jaguar users asking for items they can wear or give as gifts with the Jaguar logo on it," explains Mr. Greg LaBrec, Director of Creative Services for Atari Corporation. "The traditional and new Atari consumer has fallen in love with the Jaguar and wants to show everyone that they've already moved up to the world of 64-bit entertainment technology."

Offering apparel and gift items is new for Atari and is a reflection of the growing popularity of the Jaguar system and Atari's commitment behind it. The items selected in the 8-page, full-color catalog have been carefully chosen by Atari with the advice of Norscot Group, Inc.; suppliers of Corporate namesake specialty catalogs for nearly a quarter century. Each item was chosen on merits of popularity, durability and practical application. All items are protected by a 100% satisfaction guarantee and typically shipped within 48 hours as long as they are in stock.

The Jag-Ware catalog will be mailed to existing Jaguar owners registered with Atari Corporation within the next 120 days. Those wishing to obtain a copy sooner may request one by mail by writing: "JAG-WARE Catalog", Atari Corporation, P.O. Box 61657, Sunnyvale, CA 94089-1657. Catalogs will also be supplied with new Jaguar systems. Additionally, modem users will find text based copies of the catalog distributed in publications such as Atari Explorer Online and Silicon Times Report.

Those wishing to place orders may call 1(800) 653-3313 toll free. International orders accepted by calling (414) 241-3313. Faxed orders accepted by dialing (414) 241-4904. Orders may be mailed to: Norscot Group, Inc., 10510 North Port Washington Road, Mequon, WI 53092. Money Orders, MasterCard, Visa and American Express accepted. Dealers and Distributors should place their fall orders now.

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Contact:

Bill Rehbock
Atari Corporation
(408) 745-2000

ARGONNE NATIONAL LABORATORY
9700 South Cass Avenue/Bldg. 900
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FAX: (708) 252-5128

For Immediate Release

ARGONNE NATIONAL LABORATORY EVALUATES JAGUAR FOR PROJECT

Argonne National Laboratory, a Laboratory funded by the Department of Energy (DOE), is evaluating the use of Atari's 64-bit multimedia Jaguar technology as part of its work in the AMTEX program's Demand Activated Manufacturing Architecture (DAMA) project. The AMTEX program, the American Textile Partnership, brings together the entire industry involved in textile products, from fiber to retail, with the National Laboratory system. It is a technology transfer program intended to increase industrial competitiveness. Argonne is tasked with evaluating technologies in the broad area of Information Access Tools.

Argonne's exploratory studies of multimedia technology are a direct response to the need to provide better and broader access to computer generated information. Manufacturers such as Atari have been particularly successful in providing visual interfaces to computer interactions. These interface technologies can provide alternative methods for accessing the information highway, even displacing the traditional computer keyboard. Retailers and small manufacturers have little time to learn complex computer systems. The DAMA project needs to find new ways for these companies to take advantage of the electronic market information being generated by the larger companies. Using this information American companies' can use agile manufacturing and fast response as the key to regaining a competitive edge in the marketplace.

The Jaguar technology's ability to recreate realistic visual images combined with its price performance make it a natural vehicle to explore new interfacing concepts. The same 64-bit technology that renders images at high speed can display high-fidelity renderings of fashion lines at slower speeds. One application area is business product marketing, where small retailers can view the work of American designers, accessing it via home entertainment equipment. Another area being explored is a FAX-based interface to DAMA for small businesses. The goal is to eliminate the keyboard interface.

Technology transfer is very active at Argonne, "we are looking for ways to utilize the research performed at Argonne by combining it with the work done by industry" said Peter Korp, Assistant Scientist at Argonne.

###

** Game Ratings System Planned **

A voluntary ratings system for computer games is the goal of a new joint project by the Software Publishers Association and four major associations of independent software developers.

The SPA will work with the Association of Shareware Professionals, the Educational Software Cooperative, Shareware Trade Association and Resources and the Association of Shareware Authors and Distributors on what they are calling "the first joint effort to develop a ratings system for the entire personal computer software industry."

Says the SPA, "While the vast majority of personal computer entertainment software is suitable for children and adults of all ages, many developers and publishers have urged SPA and others to help develop

a voluntary ratings program."

The statement from Washington noted, "Personal computer software companies have expressed concern that the ratings scheme proposed by a group of large video game companies, the Interactive Digital Software Association, may seriously threaten the competitiveness of personal computer software developers and publishers."

To this, Karen Crowther, a personal computer game developer and the representative of the groups, added the software publishers are "concerned about placing control of any ratings program in the hands of an association controlled by a handful of very large video game companies."

** Spectrum HoloByte Reaches Agreement With Eight Principal Actors **
** From 'Star Trek: The Next Generation' **

Actors to Provide Voices of Characters In New CD-ROM Based
On Popular Television Series

Contacts:

Holly Hartz
Spectrum HoloByte
510/814-6336

Jenny Roelle
Bender Goldman & Helper
310/473-4147

ALAMEDA, Calif., June 7, 1994 Interactive software developer Spectrum HoloByte, Inc. (NASDAQ: SBYT) has signed each of the eight leading actors from Paramount's Emmy Award-winning Star Trek: The Next Generation television series to contribute their voices on Spectrum's CD-ROM interactive adventure based on the series, it was announced today by Gilman Louie, chairman of Spectrum HoloByte.

The eight actors are Patrick Stewart (Captain Jean-Luc Picard), Jonathon Frakes (Commander William Riker), Gates McFadden (Chief Medical Officer Dr. Beverly Crusher), Levar Burton (Lt. Commander Geordi La Forge), Michael Dorn (Lt. Worf), Marina Sirtis (Counselor Deanna Troi), Brent Spiner (Lt. Commander Data), and Majel Barrett (voice of the computer).

"The addition of Patrick Stewart, Brent Spiner, Marina Sirtis and the rest of the talented 'Star Trek' cast will blast this CD-ROM to an entirely unexplored world," explains Louie. "Spectrum's agreements with these actors are prime examples of Hollywood and Silicon Valley 'converging' for the purpose of transforming the entertainment experience into an interactive one."

This CD-ROM entitled STAR TREK: THE NEXT GENERATION "A FINAL UNITY," features an originally written and produced story that takes its players to interstellar worlds in an interactive space adventure. It is scheduled for release in the current fiscal year. The CD-ROM delivers brilliant 3-D graphics rendered in high-resolution with music, sound and characterization faithful to the television series.

In 1991 Spectrum HoloByte entered into an agreement with Paramount

Pictures which provides Spectrum HoloByte with the license to produce a specified number of computer and video games using the name and characters from the hit television series Star Trek: The Next Generation for the 3DO Interactive Multiplayer System, Super NES and IBM compatible and other personal computers.

Spectrum HoloByte's first Super NES game entitled STAR TREK: THE NEXT GENERATION "FUTURE'S PAST" was released in April of this year.

Star Trek: The Next Generation is produced by the Paramount Network Television Division and is distributed by the Domestic Television Division of Paramount Pictures. Paramount Pictures is part of the entertainment operations of Paramount Communications Inc., which is a majority-owned subsidiary of Viacom Inc.

R&C 1994 Paramount Pictures. All rights Reserved. Star Trek: The Next Generation is a Registered Trademark of Paramount Pictures.

Spectrum HoloByte, Inc. is a developer and publisher of interactive entertainment software for use on CD-ROM and floppy-based personal computers. The company also develops software for cartridge-based video game machines manufactured by Nintendo and Sega.

** Spectrum Holobyte Issues Clarification **

ALAMEDA, Calif., June 9 /PRNewswire/ -- Spectrum HoloByte (Nasdaq: SBYT) today issued a clarification in response to the June 13, 1994 issue of Newsweek article entitled "Lost in Cyberspace," by Nancy Hass.

Gilman (ChopStick) Louie, Chairman and Chief Technical Officer of Spectrum HoloByte said, "Our company is committed to developing products for 'Star Trek: The Next Generation(R)', under its license from Paramount Pictures. We've just launched a Super Nintendo product and expect to launch a CD-ROM product prior to the end of the fiscal year."

He continued, "Part of Spectrum HoloByte's product strategy with respect to its 'Star Trek: The Next Generation' license is to develop and introduce additional Star Trek products on other platforms. We currently intend to continue allocating resources toward developing 'Star Trek: The Generation "A World for All Seasons"' for use on the 3DO Interactive Multiplayer System(R). When this product is completed to our satisfaction, the company would introduce it for use on the 3DO Interactive Multiplayer System or any other viable platform."

Spectrum HoloByte, Inc. is a developer and publisher of interactive entertainment software for use on CD-ROM and floppy-based personal computers. The company also develops and publishes software for cartridge-based video game machines manufactured by Nintendo(R) and Sega(TM). The products are available nationally and internationally through major distributors, retailers and mass merchants.

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6/9/94 /CONTACT: Holly Hartz of Spectrum HoloByte, 510-522-3584;
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> Jaguar Retail Survey! - What does the average customer want?

WHAT THE CUSTOMER SAYS:

A report from the retail environment on
what customers think about the Atari Jaguar

by Marty Mankins

All of us that own Atari Jaguar game systems are sheltered. We don't really care what others think of our decision to buy a Jaguar. We already know it's the best game system on the market for its price range. It provides us with hours of entertainment, even with the few games that are out there now. But, what about the customer that is looking at going to another game system? What do they know about Jaguar? I decided to take a trip to 5 different stores here in my home area of Salt Lake City, Utah and ask customers several questions pertaining to game systems and the Jaguar. Here are the questions:

1. Do you own a video game system?
2. If yes to question #1, what game system do you own?
3. Are you looking for a new video game system?
4. What are some of the newer game systems that you have heard of lately?
5. Have you heard of the Atari Jaguar?
6. If yes to question #5, where did you hear about the Jaguar?
7. If yes to question #3, have you considered the Jaguar?
8. If you are not considering the Jaguar, what is the main reason?
9. If have looked at the Jaguar, what is the best thing you like about it?
10. Have you compared the Jaguar to other systems (i.e. 3DO)?

So, with these ten questions, I visited 5 separate stores that carried video games: Babbage's, Toys R Us and The Game Peddler, Software Etc. and Fred Meyer. Only three of them carried the Jaguar (Babbage's, Toys R Us and The Game Peddler). The other two (Software Etc. and Fred Meyer) carried Sega and Nintendo game systems (Super NES, Sega Genesis, Game Boy and Game Gear).

For those who are not familiar with the stores I visited (yes, I got permission before I conducted my survey), here is a run-down. Babbage's

is a store that sells computer software and home video game systems. They now sell the Super NES, Sega Genesis, Game Boy, Game Gear, 3DO and Jaguar. Toys R Us should be known by all as the place to buy toys. They also sell the same systems that Babbage's sells minus the 3DO. The Game Peddler deals only in games and carries them all, including some NEO-GEO and Super Famicom games (special order only). Software Etc. is owned by B. Dalton Bookseller and carries computer software and two game systems - Super NES and Sega Genesis. Fred Meyer is a KMart-like store that sells the same systems as Software Etc.

The reactions were varied, depending on who I talked with. I did not ask for ages (maybe I should have) due to the many different people I talked with. I must have talked to over one hundred people in a 6 hour period of time. Out of these people, there were only 14 that had not heard of the Jaguar. I was amazed as I expected that number to be greater. It was also shocking to hear how many people were looking for a new game system. Most of the people that were looking for a new game system still had the original Nintendo NES system. There were three people that still were using the Atari 2600 system and one person was using a ColecoVision. They had finally decided to break down and buy a new system.

And were most of them shocked to find out what a new system would cost them. Even the low price of the Super NES with one game was over \$100 and they felt that was a bit too much for how long the system had been out. The same was true about the Sega Genesis. At the stores that had the Atari Jaguar, where there was a demo game playing, normally seated next to the Super NES, When they heard the price of the Jaguar was \$250, almost everyone said they agreed that the price was worth it for the awesome graphics and game play. The demo game was Tempest 2000 (is there any doubt?).

As far as a run down of the questions that were asked, some interesting answers came back. One woman, who appeared to have three children with her, answered that her children had been bugging her about Jaguar (Question #3). She finally was able to see a Jaguar commercial on TV and they bought the unit a week later at Babbage's with Tempest 2000 and Dino Dudes.

Another person, a teen of about 18, said he really liked the 3DO, but said that the Jaguar was cheaper for the kind of game play it had. (Question #10). A couple of 12 year-olds were happy with their Super NES and 12 games, but said the graphics were not as good as what was on the 3DO. Their dad wants to get another game system (Question #3) but wants to make sure they make games that he wants to play, as well as the kids.

At Toys R Us, I spoke to five mothers who were shopping without their children. All five owned Super NES systems but had heard of the Jaguar (Question #5). As far as the dads go, there were eight that I spoke with. When it was determined they had considered the Jaguar, but decided to go with the 3DO system, I asked them why (Question #8) and they responded, "MORE GAMES!!!"

At The Game Peddler, the owner was very happy with me. He had four Jaguar units in stock and by the end of the hour I was there, he sold all four units, plus two copies of Tempest 2000. The people there were mostly kids between the ages of eight and sixteen with some 20 adults coming in. Of these 20 adults, they all felt that there should be better games than what the Super NES has to offer. One gentleman who

brought his 12 year-old son in to shop for a birthday gift, found out about the Jaguar and said it was the best of all the game systems he had looked at, 3DO included (Question #10). When asked what game system they owned (Question #2), they were still using the original Atari 2600. It was time. They passed up both Nintendo models and the Sega Genesis to wait to see what was new with the 3DO and Jaguar. Jaguar got the nod for its quality of games and the lower-than-3DO price.

It was very interesting when I reached Fred Meyer. Since this is a department store, hardly anyone had heard of the Jaguar. I only talked with 10 people in the 45 minutes I was there. There were at least 8 people who refused to talk to me, afraid I was going to sell them something. Even after I assured them their name would not be mentioned in any article or that since I was writing about the Jaguar, I could not even offer them a demo of the game (Fred Meyer was one of the stores that did not sell the Jaguar), they still refused. Go figure. Anyway, the people I did talk with, two of them heard of the Jaguar and wanted to know where they sold them in Utah (I promptly told them). The other eight people wanted to know what the Jaguar was, since they had never heard of it. After telling them, they were interested. One person asked how many games were out for it and how long the unit had been out. After informing this person there were only five games out, but the unit was less than 9 months old, they felt that was fair, but would want to see more than 20 games out by Christmas.

Conclusion

All in all, this was a fun survey to do. I love to talk to people and hear how they view the market and how they feel about the current crop of game systems available to us. All of these results are true with no bias alterations towards the Jaguar. So it proves that the Jaguar is getting some recognition already with the help of all of us making it known to the rest of the world outside of our on-line community.

Let's hope that more and more Jaguar games come out to win more converts from other game systems. The Atari Jaguar should have a future with more games releasing and a better name recognition to boost. Who knows? Maybe "Atari" could be a household name again.

> ONLINE WEEKLY STReport OnLine

The wires are a hummin'!

PEOPLE... ARE TALKING
=====

On CompuServe

compiled by
Joe Mirando

Hidi ho friends and neighbors. Another week has come and gone. You can rejoice in the fact that you'll see nothing in this column (other than this one reference) to O.J. Simpson. Hey, I'm as captivated as everyone else by the circus that's come into being, but I think that its become a bit much. That having been said, let's get on with the information available every week here on CompuServe. Its real information, not second or third hand rumor. Let's take a look...

From the Atari Productivity Forum

Every once in a while someone asks about cross-platform data transfer. Paul Richards posts:

"I wonder if anyone could help. I need to transfer some material on Atari-formatted floppy disks (3.5) to a PC. Is there any software around that will make this possible, bearing in mind the material is all in ASCII?"

Sysop Jim Ness tells Paul:

"Try DC Format, in the Utilities Library (LIB 4) here, which can make a small change in the disk that will make it usable in PCs. The disk won't have to be reformatted."

Sysop bob Retelle asks Paul:

"The first question is... do you still have access to an Atari ST..? If you do, then it's a lot easier. If you don't, then it gets a little more complicated.

Later versions of TOS on the STs would format a disk that should be readable directly on a PC with no modifications. Have you already tried to use the disks in the PC..?

Earlier TOS formatted disks aren't 100% compatible, and need to be modified as Jim suggested.

There IS an IBM program called ST2PC that's supposed to let you read files from Atari formatted disks on a PC, but I still haven't had a chance to check out how it works myself. The program should be available here on CompuServe in the IBM forums."

Paul tells Bob:

"Thanks for your prompt and helpful advice. I do access to an Atari, 520 ST (upgraded to 1MB). However, it does appear that the A drive on my PC can't read the floppies created by the Atari. I will definitely try the software you recommend. I will get in touch if I have any further questions, if that's okay."

Bob tells Paul:

"Since you still have access to an ST, probably the safest method of moving the files over to the PC would be to format some new floppies on the PC (thus guaranteeing that they'll be compatible), and copying the files from the Atari disks to the ones formatted on the PC (using

the ST to copy them).

The problem with using any of the programs that "fix" the Atari disks is that there's always a chance of something going wrong and losing the files entirely.

I always figure it's better to be safe..!"

Yet another Sysop, Dan Rhea, tells Bob:

"ST2PC works like a champ. I've been using it for several years (3 is several isn't it?)."

Meanwhile, Rob Rasmussen asks:

"Does anyone know how I can get a copy of System Audio Manager for the Falcon? The HD in my Falcon came with lots of demos, picture files, etc, but not SAM. There are a lot of ASR sound files which I think were meant to be used with SAM, but I have no way of hearing these or playing with the Falcon's digital recording capability."

My pal Brian Gockley of ST Informer tells Rob:

"I would drop a line to Toad or C0mputer STudio and find out what the status of these programs is. They might be commercial, or they might be free to you? I'd like to see them released as system software for all users, SAM and the Calender (CAL/APPT) pprogram, and a few others would be enjoyed heartily by the end users."

Rob tells Brian:

"Well, the Calendar/Appointment prg was included on my Falcon's HD, but now I've learned that the system I got with a 240 meg HD was not one of the Atari bundles. I guess that would have been the 65 or 80 meg HD Atari was selling it with, which was the only way to get S.A.M. I also missed out on getting the Audio Fun Machine prg, so I can't play with the DSP or see how the real-time effects work. Funny how they did include all the AVR sounds on my HD, which I presume are for assigning to selected keys. I was told that S.A.M and the others cannot even be bought separately. Very strange. So I'm looking at Musicom or some other digital recording program."

Terry Cano tells us:

"I recently picked up a virus and had to reinstall WordWriter (running from floppies) I get a prompt after booting that says "No printer installed" The installation program tells the installation is fine...there is the STAR.CFG on the boot disk...I even tried putting the CFG file in an Auto folder any suggestions?"

Jonnie Santos tells Terry:

"You need to have the file PRINTER.CFG in the same directory as the Word Writer program.

My directory looks like:

GRAMSLAM	directory
PRINTERS	directory
WWDICT	directory

```
WWDOC      directory
WWHELP     directory
WWTHERS    directory
PRINTER.CFG
PRT.BAK
PRT.WRK
WW2.RSC
WW2MSG.RSC
WWINSTAL.PRG
WWINSTAL.RSC
WWWRITER.INF
WWWRITER.PRG
```

So you need to double-click on the WWINSTAL.PRG and go into the PRINTERS directory. Pick your printer and then do a SAVE AS to the PRINTER.CFG file.

Or you can keep the name of the printer info (ex: STAR.CFG) but you'll have to still do a SAVE AS so you can relocate it OUT of the PRINTERS directory and into the same directory as the Word Writer program is located in.

Unless you pick the STAR configuration from the print menu your system will attempt to default to the PRINTER.CFG file which sounds like you are missing and that's why you're getting the love note saying "Printer Not Installed."

I use the PRINTER.CFG as my default and then I made a couple of others I use occassionally that can be accessed easily from the PRINT menu."

Marty Mankins asks about a hard drive problem:

"I have an Atari 1040ST F with TOS 1.02 (1.2) and a Megafile 30 hard drive. The problem is that the drive is not able to be reformatted.

I am using the Atari HDX 5.0 utility and it gets the the point of actually formatting the drive, when I get the notice that the drive is being reformatted and I get two bombs on the screen and the HDX program quits and takes me back to the desktop. At this point, I cannot do anything with the mouse or keyboard. It's locked up and I have to reset or shut down and boot back up.

I've looked at the WINCAP file, which had some information missing (which I supplied from the HDX 3.01 ARC file) and still no go. I even tried the HDX 3.01 with the same results.

On the back of the drive it has a sticker that says SEA 5 031. What does this mean? Is there another driver that I should try that corresponds with this number?

Any help to get this thing running would be appreciated."

Mike Mortilla tells Marty:

"Try "zeroing" the logical drives first, then formatting. If you're getting the same message with several versions of the HDX, then the file is probably OK. Maybe the drive is busted?"

Marty replies:

"I'll try the zero option. I hope it works. <crossing my fingers>....
Nope. Doesn't work. There are no logical drives setup. They are all
greyed out.

Besides the drive being busted, any other suggestions?"

Mike has another possible fix for Marty:

"... but turn on the computer with the HD off. Then turn on the HD and
try the HDX software. It may work, but if not, re-boot the computer but
leave the HD on this time. Then try HDX.

The only other thing I might try would be to check the driver ID#. It
should be 0.

Otherwise, I'd imagine it's time for the repair shop!"

Sysop Jim Ness tells Marty:

"Try leaving a message to Tom at ICD who make system software commonly
believed to be better and more versatile than Atari's HDX.

He should recognize what's wrong, and may recommend one of his own
packages to resolve the problem. Or he may tell you to trash the hard
drive. Best place to talk to him is in CIS Mail, since he does not
seem to visit his vendor section in ATARIVEN daily."

Marty tries one of the HDX options and tells us:

"If I choose SHIP from the HDX 5.0 menu, it works. Or at least it
reports it works. As I run it, the activity light comes on and does
actually blink on and off as if it's working. Is this is good sign?"

Sysop Bob Retelle tells Marty:

"The SHIP program working is a good sign, as it indicates that commands
are getting through to the drive, so the interface electronics are all
likely to be good.

On the other hand, it does lend weight to the thought that the media is
bad at the critical 0/0/0 location, since it eliminates most everything
except the drive mechanism itself.

(The drive can execute a PARK command without having to read those
first sectors)

Does the drive activity light seem to blink in a pattern when you try
to format it..? Some drives will actually report errors by blinking a
pattern of long and short blinks when they have a problem. There might
be a list of Seagate drive error codes available in the IBM Hardware
Forum, or someone there might know how to get hold of one...

One thing that's kind of a long shot, and not an easy thing to do, but
would at least tell you if the drive itself is OK or not, would be to
pull the hard drive mechanism out and take it to someone with an IBM
system who could try to format it for you.

The problem would be that the Megafile 30 used a Seagate 30 Meg RLL
mechanism, and it might be difficult to find anyone still using that
old of an interface on a PC. (The PC would have to have an RLL hard

drive card in it.)

Another thought would be to take it to an IBM repair facility and have them try to verify if it's OK. A repair shop is more likely to have the proper interface cards, although they'll certainly charge you to check it out.

That number you posted isn't the drive model number... unfortunately I don't recall the actual Seagate model number from the Megafile 30.

The symptoms you described sound as if HDX is encountering an error when it tries to format the very first cyl/track/head, which would be a fatal error as that location on a hard drive CANNOT be bad. I don't know why it would fail so inelegantly as to bomb at that point instead of telling you what the problem is though..."

Bill Devonshire posts:

"I would like to get some opinions on the use of the Jaguar as an upgrade path for ST/TT/Falcon users. The high speed serial port could be used to allow TOS computers to control the Jaguar. (i.e. with a Jag cartridge designed to control communications with the Jag and an external host). The graphics and processing power of the Jag could be harnessed by a host thru this serial port. Even to simply allow mouse control, expanded joystick interfaces etc. Imagine the graphics programs that could be written. The Host could use its hard drive and disk drive media for program storage. Not all Jag games would have to be cartridge or CD based (which helps lower the cost of games a bit). A Raytracer utilizing the Jag's power would be very fast. You could operate two monitors simultaneously, the ST control panels displayed on the 1224 and the Jags output to whatever you want it to go to. For Music, the ST could control the playback of music while syncing the graphic playback on the Jaguar (especially if the Jag is equipped with a CD). I know that someone is working on a PC card version of the Jag - but I am more interested in seeing this power offered to the TOS world. Please, lets stay away from the Atari as business people topic, I would like to keep this topic pointed towards developing the Jag interface as an upgrade path for TOS users! What do you think?"

Sysop Jim Ness tells Bill:

"Yes, I think it would be possible to develop a single cart which has ram and a basic operating system in it. The OS could interpret serial data for keyboard and/or mouse input (the same way the ST/TT uses a serial link for its keyboard and mouse).

This would allow an external computer to dump a program into the Jag, for rendering or whatever, and for the computer to directly key commands into the Jaguar."

Bill Willis asks a question about displaying CompuServe weather maps with FLASH II:

"I haven't been able to get Flash II v2.2 to display Compuserve's weather maps. I am using Vidtext emulation, and I'm running in TT medium resolution. Should it be working?"

John at Missionware Software tells Bill:

"Yes, Flash II most definitely will display CompuServe's weather maps.

Before I can help you debug your problem though, I'm going to need a bit more information. You need to make sure you've got CompuServe options set up right for your account. Do a GO OPTIONS and check FILE TRANSFER/ GRAPHICS. GIF and RLE support options should be set to YES.

Once that's done, assuming you are in Vidtex emulation and the rest of your terminal options in Flash II are set up properly, everything should work.

Let's start with the suggestion above first. Check to make sure OPTIONS are set up right. Then do a GO MAPS and try it again. If you get any error messages or what-have-you, please post here again and let me know what happens. As the data comes in, your screen will clear itself first, then slowly start building up the image."

Bill tells John:

"Okay, it works now. I have no idea why it didn't work before. The maps aren't quite as pretty as on the Windows-based system I was using yesterday, but they are readable."

John puzzles over the difference:

"Gee, it shouldn't matter what system you use for viewing the maps. They are all plain GIF files. F2 should display them the same as Windows-based software. Could you explain what the difference is please?

Anyway, I'm glad you've got it working."

Bill wonders aloud:

"I'm reading the maps in TT-medium resolution, and I'm getting a simple black & white display. It looks like different fill patterns are being used to differentiate different areas of the map.

When viewed on a Windows-based system, the maps showed up in full color -- it looked like at least 16 colors.

I also saved the portion of the capture buffer that contained the GIF data, and loaded it into several paint programs. It didn't come up as color there either, so this is probably not Flash II's fault."

John also wonders aloud:

"I wonder if, when CIS communicates with its own Windows navigator (I assume that's what you are using on your PC, right?) it sends a different picture than what it would normally send. There used to be a time when I got color pics too, but sometime last year that went away.

It's entirely possible that something has changed in the way the F2 communicates with the forum, thereby getting a different picture. It's also possible that specific options need to be setup for the forum (which I'll check into). It's possible, I suppose, that F2 is only asking for the RLE version of the map instead of the full color GIF version.

Can you save the weather map you get from the Windows version and email it to me? If so, please let me know which map it is. I can then

compare that map to what F2 gets to see what the difference is. If there is a difference, I'll go bug Paul Nicholls (F2's author) to check into this."

Sysop Jim Ness tells John and Bill:

"As a user enters the Maps area, an inquiry is sent by CIS asking for the specs of the term program. There is a standard response format which tells the name of the term program, version number, and what graphics format it supports.

Maybe this has somehow gotten messed up in recent versions of F2. I know that it used to work just fine, as long as the user is in VIDTEX mode."

Well folks, I'm still not even close to getting caught up with all the stuff left to do since my wedding (I hear my wife calling me to help with the thank-you notes as I type), so I'm going to have to leave off here and promise to get to the Palmtop and Video Publisher's Forums next time around.

So check in again next week (same time, same station) and be prepared to listen to what they are saying when...

PEOPLE ARE TALKING

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